



## DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO

GOVERNOR

MIKE D. McDANIEL, Ph.D.

SECRETARY

Certified Mail No.

Agency Interest No. 2645  
Activity No.: PER19960001

Mr. Carl Gunter  
Vice President  
Weyerhaeuser Company  
4537 LA Hwy 480  
Campti, LA 71411-0377

RE: Part 70 Operating Permit, Weyerhaeuser Co - Red River Mill  
Weyerhaeuser Company, Campti, Natchitoches Parish, Louisiana

Dear Mr. Carl Gunter:

This is to inform you that the permit for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the \_\_\_\_\_ of \_\_\_\_\_, 2011, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

Permit No.: 1980-00004-V0

Sincerely,

Chuck Carr Brown, Ph.D.  
Assistant Secretary

CCB:CWS  
c: EPA Region VI

**ENVIRONMENTAL SERVICES**  
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**AIR PERMIT BRIEFING SHEET**  
**AIR PERMITS DIVISION**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Weyerhaeuser Co - Red River Mill**

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**Weyerhaeuser Company**

**Campti, Natchitoches Parish, Louisiana**

**I. Background**

Weyerhaeuser Company, Weyerhaeuser Co - Red River Mill, an existing pulp and paper mill, began operation in 1974 under the Western Kraft name. The mill is located adjacent to the Red River and Louisiana State Highway 480, approximately four and one half miles west from the center of Campti, Louisiana. The Red River Mill currently operates under Permit No. 1980-00004-02 issued November 23, 1992 and PSD-LA-562(M-1) issued March 17, 1995.

This is the initial Part 70 operating permit for the facility.

**II. Origin**

A permit application and Emission Inventory Questionnaire were submitted by Willamette Industries, Inc. on October 14, 1996 requesting a Part 70 operating permit. On June 30, 2002, Willamette Industries, Inc. was merged into Weyerhaeuser Company. Additional information dated April 5, 2004, January 31, February 22, July 8, August 16, October 19, 2005, February 3, February 17, and February 24, 2006, was also received.

**III. Description**

The current annual production at the Red River Mill is approximately 1 million machine-dried tons of Kraft linerboard per day from both virgin pulp and recycled material (secondary fiber) pulp. Wood chips for the production of virgin pulp are delivered to the mill via truck or from the on-site wood chipping operation, where softwood and hardwood chips are processed from logs.

The mill in its current configuration is capable of producing up to 200 oven-dried tons of pulp per day (ODTP) of unbleached hardwood pulp and approximately 1,400 ODTP of unbleached softwood pulp per day through six batch digesters, two of which are dedicated primarily to hardwood pulping. These digesters cook the chips under elevated temperature and pressure in an alkaline solution of sodium sulfide and sodium hydroxide, referred to as "white liquor". During the cooking cycle, air trapped with the chips and gases formed during cooking are relieved intermittently. A turpentine condenser is used to recover marketable turpentine from these relief gases. Upon completion of the cooking cycle, the contents of the digester (consisting of the pulp and spent cooking liquor, or "black liquor") are transferred to a blow tank, where the temperature and pressure return to atmospheric levels. The gases leaving the blow tank pass through a blow heat accumulator tank to condense the moisture, and the remaining uncondensed gases, referred to as non-condensable gases (NCGs), are

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incinerated in the recovery boilers or in the lime kiln. The balance of the pulp supply is produced from secondary fiber. Softwood pulp is washed in the A and B Brownstock Washer lines at the mill, while hardwood pulp is washed in the C Line Washer system, which is dedicated to hardwood pulp processing.

A multiple effect evaporator line concentrates the weak black liquor from the pulp washing process via non-contact evaporation and concentration up to a black liquor solids (BLS) content of approximately 75%. Tall oil soap is a byproduct of the process due to pulping of softwood chips with the alkaline process, and is skimmed from the evaporators. The soap is acidified with sulfuric acid to liberate the resin acids from their sodium salts in a batch tall oil reactor at the mill.

Two existing Recovery Boilers (No. 1 and No. 2), along with accompanying smelt dissolving tanks, have the capability to combust approximately 1.75 million pounds of Black Liquor Solids (BLS)/day each. The Recovery Boilers also serve to supplement the steam requirements of the mill, and control non-condensable gases (NCGs) from the digesters, evaporator system, and condensate stripper. These NCGs consist of low volume high concentration gases (LVHCs) from pulping operations and evaporators, super-concentrator non-condensable gases (SCNCGs) from the evaporator system superconcentrator system and stripper off-gases (SOGs) from a condensate stripper used to treat pulping condensates. The Lime Kiln and Causticizing area have the capacity to produce approximately 250 tons/day CaO. The Lime Kiln is fired by both natural gas and petroleum coke, and serves as a backup control device for NCG's should the Recovery Boilers have an operational problem or shutdown.

Steam for the mill is also provided via waste-wood and natural gas-fired steam generating units (boilers). The No. 2 Hogged Fuel Boiler, with a heat input rating of 940 mmBTU/hr, combusts hogged fuel, natural gas (less than 10 % heat capacity), recycled fiber rejects, and pulp mill sludge to serve as one of the primary steam generating units for the mill. This unit was constructed in 1992, and represents a source that was permitted under the PSD regulations. The No. 1 Hogged Fuel Boiler serves as a backup to the No. 2 Hogged Fuel Boiler, with permit limitations that prohibit operation when No. 2 Hogged Fuel Boiler is operating and restrict annual operation to a maximum of 21 days per year. The mill also has a natural gas-fired power boiler rated at 181 mmBTU/hr heat input to supplement the mill steam requirements.

Kraft linerboard is produced from virgin pulp and repulped recycled secondary fiber in two paper machines at the mill. Paper Machine No. 1 was constructed in 1974, with Paper Machine No. 2 added in 1995. The paper machines have a current combined capacity to

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produce approximately 1,331,135 machine-dried tons of unbleached Kraft linerboard per year.

Foul condensates from the pulping operations are steam stripped and combined with other "contaminated" condensates that are lower in methanol content, which is then used in the pulp washing process with clean shower water (the Clean Condensate Alternative Approach). The excess contaminated condensates along with other process liquid waste streams are sent to a wastewater treatment plant to treat the mill's effluent before discharge into the Red River. The treatment plant consists of a primary clarifier, polymer tanks, settling ponds, sludge ponds, and aeration basins. Stripper off-gases (SOG's) are collected and incinerated in the recovery boilers at the mill.

Weyerhaeuser Company proposes to expand and modernize the Red River Mill by installing a new Recovery Boiler, Lime Kiln, Softwood Pulp Mill, and Steam Turbine. The new No. 3 Recovery Boiler will replace the existing No. 1 and No. 2 Recovery Boilers and Smelt Dissolving Tanks. The new Smelt Tank will exhaust into the Electrostatic Precipitator (ESP) on the No. 3 Recovery Boiler, and therefore will not be considered an emission point for the expansion. The new Lime Kiln and associated causticizing equipment will replace the existing Lime Kiln at the plant, with the existing kiln only used as a backup when the new kiln is not operational. The new kiln will be controlled by an ESP and Flue Gas Desulfurization (FGD).

A new softwood pulp mill will replace the existing softwood pulping operations at the facility with the addition of a new continuous digester with integrated diffusion washers, and a new softwood high-density pulp storage tank, and a new multiple effect evaporator system. A new softwood chip stacker/reclaimer system will also be constructed to handle the increase in softwood chip usage.

Finally, a new Steam Turbine will be installed to utilize steam produced by the No. 2 Hogged Fuel Boiler to produce electricity. The steam from the No. 2 Hogged Fuel Boiler will be supplied at 1250 psig, which requires modification of the boiler to accommodate the steam demands. As part of the No. 2 Hogged Fuel Boiler modifications, Weyerhaeuser will install and operate a Selective Non-Catalytic Reduction (SNCR) system for control of NO<sub>x</sub> emissions.

The existing hardwood operations at the mill, including chip handling system, batch digesters, and associated equipment, will not be modified or affected by the addition of the new facilities.

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This Part 70 permit for the Red River Mill has been drafted to cover two different phases of operations at the mill. Phase I describes current mill operations and emission levels. Phase II represents the modified mill and emission levels after the expansion. Regulations cited in the Specific Requirements portion of this permit for each source include text indicating which phase is applicable. Many sources and citations are applicable for both Phase I and Phase II. In this case, a source includes the text 'All Phases'. Citations which are applicable to both Phase I and Phase II do not include the phase notation with the citation.

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Estimated emissions in tons per year are as follows:

Pollutant	Phase I	Phase II	Change
PM <sub>10</sub>	479.77	358.88	- 120.89
SO <sub>2</sub>	107.77	523.22	+ 415.45
NO <sub>x</sub>	1,924.53	2,063.55	+ 139.02
CO	2,215.85	1,715.68	- 500.17
VOC *	1,205.68	659.33	- 546.35
Total Reduced Sulfur	13.30	45.68	+ 32.38

**\* VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):**

Pollutant	Phase I	Phase II	Change
1,1,2-Trichloroethane	0.28	0.38	+ 0.10
1,2,4-Trichlorobenzene	1.72	1.68	- 0.04
1,2-Dichloroethane	0.104	0.077	- 0.027
Acetaldehyde	22.34	27.10	+ 4.76
Acetophenone	0.24	0.02	- 0.22
Acrolein	0.772	1.161	+ 0.389
Benzene	0.50	0.69	+ 0.19
Carbon Disulfide	0.54	0.65	+ 0.06
Carbon Tetrachloride	0.45	0.35	- 0.10
Chlorobenzene	0.027	0.023	- 0.004
Chloroform	0.59	0.67	+ 0.08
Chlorinated dibenzo-p-dioxins		0.00000105	+ 0.00000105
Chlorinated dibenzo furans		0.00000032	+ 0.00000032
Cresol	2.81	0.00	- 2.81
Cumene	0.29	0.44	+ 0.15
Di-n-butyl Phthalate	0.22	0.14	- 0.08
Ethyl Benzene	0.36	0.02	- 0.34
Formaldehyde	10.89	13.41	+ 2.52
n-Hexane	0.65	0.81	+ 0.16
Methanol	434.96	352.42	- 82.54
Methyl Bromide	0.03	0.04	+ 0.01
Methyl Chloride	2.34	3.66	+ 1.32
Methyl Ethyl Ketone	8.56	9.78	+ 1.22
Methyl Isobutyl Ketone	1.07	1.06	- 0.01
Naphthalene	1.44	2.06	+ 0.62
Phenol	0.90	0.99	+ 0.09
Polynuclear Aromatic HC	1.091	1.434	+ 0.343
Propionaldehyde	0.18	0.01	- 0.17
Styrene	0.96	1.21	+ 0.25
Toluene	0.35	0.39	+ 0.04
Trichloroethylene	0.14	0.10	- 0.04
Vinyl Acetate	0.01	0.0	- 0.01
Xylene	0.88	0.74	- 0.14
Total:	495.74	421.52	- 74.22

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\* Other VOC (TPY): 237.81

**Non-VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):**

<u>Pollutant</u>	<u>Phase I</u>	<u>Phase II</u>	<u>Change</u>
1,1,1-Trichloroethane	0.11	0.09	- 0.02
Ammonia	45.57	89.31	+ 43.74
Antimony (& compounds)	0.012	0.022	+ 0.01
Arsenic (& compounds)	0.004	0.006	+ 0.002
Barium (& compounds)	0.034	0.047	+ 0.013
Beryllium (Table 51.1)	0.002	0.002	
Cadmium (& compounds)	0.006	0.009	+ 0.003
Chromium VI (& compounds)	0.017	0.024	+ 0.007
Cobalt	< 0.01	< 0.01	
Copper (& compounds)	0.032	0.045	+ 0.013
Dichloromethane	4.29	4.48	+ 0.19
Hydrochloric Acid	20.34	36.46	+ 16.12
Hydrogen Sulfide	9.74	43.02	+ 33.28
Lead	0.044	0.079	+ 0.035
Manganese (& compounds)	0.344	0.387	+ 0.043
Mercury (& compounds)	0.001	0.002	+ 0.001
Nickel (& compounds)	0.037	0.058	+ 0.021
Phosphorus	0.39	0.80	+ 0.41
Selenium (& compounds)	0.002	0.003	+ 0.001
Sulfuric Acid	13.25	0.27	- 12.98
Tetrachlorethylene	1.68	1.78	+ 0.10
Zinc (& compounds)	0.35	0.52	+ 0.17
Total:	96.25	177.41	+ 81.16

**IV. Type of Review**

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations, Prevention of Significant Deterioration (PSD), New Source Performance Standards (NSPS) and National Emission Standards for Hazardous Air Pollutants (NESHAP).

This facility is a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

Individual major TAPs emitted are Acetaldehyde, Ammonia, Formaldehyde, Hydrochloric acid, Hydrogen Sulfide, Methanol and Methyl Ethyl Ketone. Major sources in the pulp and papermill source category are exempt from the MACT provisions of LAC 33:III.5109.A according to LAC 33:III.5105.B.8. Weyerhaeuser Co., Red River Mill, complies with the requirements of

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NESHAP Subpart S and Subpart MM for MACT for the pulp and paper industry. Weyerhaeuser Co. must comply with NESHAP Subpart DDDDD at the Red River Mill by September 7, 2007.

**V. Credible Evidence**

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

**VI. Public Notice**

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 2006; and in the <local paper>, <local town>, on <date>, 2006. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date, 2006>. All comments will be considered prior to the final permit decision.

**VII. Effects on Ambient Air**

Dispersion Model(s) Used: ISCST3

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard {NAAQS})
<b>Phase I</b>			
PM <sub>10</sub>	24-hour	90.92 ug/m <sup>3</sup>	(150 ug/m <sup>3</sup> )
	Annual	31.47 ug/m <sup>3</sup>	(50 ug/m <sup>3</sup> )
Chromium VI	Annual	0.00026 ug/m <sup>3</sup>	0.01 ug/m <sup>3</sup>
Polynuclear Aromatic Hydrocarbon	Annual	0.02063 ug/m <sup>3</sup>	0.06 ug/m <sup>3</sup>

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Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard {NAAQS})
<b>Phase II</b>			
PM <sub>10</sub>	24-hour	4.77 ug/m <sup>3</sup>	(150 ug/m <sup>3</sup> )
	Annual	0.0081 ug/m <sup>3</sup>	(50 ug/m <sup>3</sup> )
SO <sub>2</sub>	3-hour	31.72 ug/m <sup>3</sup>	(1,300 ug/m <sup>3</sup> )
	24-hour	6.43 ug/m <sup>3</sup>	(365 ug/m <sup>3</sup> )
	Annual	0.28 ug/m <sup>3</sup>	(80 ug/m <sup>3</sup> )
NO <sub>x</sub>	Annual	1.04 ug/m <sup>3</sup>	(100 ug/m <sup>3</sup> )
TRS	1-hour	4.03 ug/m <sup>3</sup>	(333 ug/m <sup>3</sup> )
1,2-Dichloroethane	Annual	0.03 ug/m <sup>3</sup>	3.85 ug/m <sup>3</sup>
Acetaldehyde	Annual	4.03 ug/m <sup>3</sup>	45.5 ug/m <sup>3</sup>
Acrolein	8-Hour	2.4 ug/m <sup>3</sup>	5.4 ug/m <sup>3</sup>
Ammonia	8-Hour	48.0 ug/m <sup>3</sup>	640 ug/m <sup>3</sup>
Antimony	8-Hour	0.00022 ug/m <sup>3</sup>	11.9 ug/m <sup>3</sup>
Barium	8-Hour	0.015 ug/m <sup>3</sup>	11.9 ug/m <sup>3</sup>
Benzene	Annual	0.0081 ug/m <sup>3</sup>	12 ug/m <sup>3</sup>
Carbon Tetrachloride	Annual	0.13 ug/m <sup>3</sup>	6.67 ug/m <sup>3</sup>
Chlorinated dibenzo-p-dioxins	Annual	< 0.00001 ug/m <sup>3</sup>	0.003 ug/m <sup>3</sup>
Chlorinated dibenzo furans	Annual	< 0.00001 ug/m <sup>3</sup>	0.003 ug/m <sup>3</sup>
Chlorobenzene	8-Hour	0.34 ug/m <sup>3</sup>	1,100 ug/m <sup>3</sup>
Chloroform	Annual	0.12 ug/m <sup>3</sup>	4.3 ug/m <sup>3</sup>
Chromium VI	Annual	0.00008 ug/m <sup>3</sup>	0.01 ug/m <sup>3</sup>
Copper	8-Hour	0.0022 ug/m <sup>3</sup>	23.8 ug/m <sup>3</sup>
Formaldehyde	Annual	2.09 ug/m <sup>3</sup>	7.69 ug/m <sup>3</sup>
Hydrogen Chloride	8-Hour	0.35 ug/m <sup>3</sup>	180 ug/m <sup>3</sup>
Hydrogen Sulfide	8-Hour	12.58 ug/m <sup>3</sup>	330 ug/m <sup>3</sup>
Manganese	8-Hour	0.038 ug/m <sup>3</sup>	4.76 ug/m <sup>3</sup>
Methanol	8-Hour	495.83 ug/m <sup>3</sup>	6,240 ug/m <sup>3</sup>
Methyl Ethyl Ketone	8-Hour	17.29 ug/m <sup>3</sup>	14,000 ug/m <sup>3</sup>
Methylene Chloride	Annual	0.057 ug/m <sup>3</sup>	212.77 ug/m <sup>3</sup>
Naphthalene	8-Hour	0.2 ug/m <sup>3</sup>	1,190 ug/m <sup>3</sup>
Nickel	Annual	0.00029 ug/m <sup>3</sup>	0.21 ug/m <sup>3</sup>
Polynuclear aromatic hydrocarbons	Annual	0.0077 ug/m <sup>3</sup>	0.06 ug/m <sup>3</sup>
Phenol	8-Hour	1.01 ug/m <sup>3</sup>	452 ug/m <sup>3</sup>
Styrene	8-Hour	1.42 ug/m <sup>3</sup>	5,070 ug/m <sup>3</sup>
Sulfuric Acid	8-Hour	0.0026 ug/m <sup>3</sup>	23.8 ug/m <sup>3</sup>
Tetrachloroethylene	Annual	0.34 ug/m <sup>3</sup>	105.26 ug/m <sup>3</sup>
Zinc	8-Hour	0.02 ug/m <sup>3</sup>	119 ug/m <sup>3</sup>

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**VIII. General Condition XVII Activities**

Work Activity	Schedule	PM <sub>10</sub>	Emission Rates - tons		
			SO <sub>2</sub>	NO <sub>x</sub>	CO

**IX. Insignificant Activities**

ID No.:	Description	Citation
	Clean Condensate Tank	18,414 gal LAC 33:III.501.B.5.A.3
830	paper machine chemical additive tank	8,000 gal LAC 33:III.501.B.5.A.4
833	paper machine chemical additive tank	6,400 gal LAC 33:III.501.B.5.A.4
836	bearing lube oil chest # 2	2,973 gal LAC 33:III.501.B.5.A.3
835	bearing lube oil chest # 1	2,890 gal LAC 33:III.501.B.5.A.3
825	acid tank	20,884 gal LAC 33:III.501.B.5.A.4
1029	50 % caustic tank	15,606 gal LAC 33:III.501.B.5.B.40
837	paper machine chemical additive tank	6,000 gal LAC 33:III.501.B.5.A.4
838	paper machine chemical additive tank	8,000 gal LAC 33:III.501.B.5.A.4
812	paper machine chemical additive tank	4,000 gal LAC 33:III.501.B.5.A.4
945	lube oil tank	5,000 gal LAC 33:III.501.B.5.A.3
949	press section lube tank	5,000 gal LAC 33:III.501.B.5.A.3
906	paper machine chemical additive tank	2,400 gal LAC 33:III.501.B.5.A.4
946	central lube oil system	5,100 gal LAC 33:III.501.B.5.A.3
941	paper machine chemical additive tank	6,000 gal LAC 33:III.501.B.5.A.4
901	acid tank	11,838 gal LAC 33:III.501.B.5.A.4
908	paper machine chemical additive tank	6,000 gal LAC 33:III.501.B.5.A.4
931	paper machine chemical additive tank	8,000 gal LAC 33:III.501.B.5.A.4
205	mill water treatment tank	6,000 gal LAC 33:III.501.B.5.B.8
1221	lime mud storage tank	147,312 gal LAC 33:III.501.B.5.B.27
1114	soap concentrator	3,382 gal LAC 33:III.501.B.5.A.10
1230	lime mud washer 1	300,636 gal LAC 33:III.501.B.5.B.27
1119	sodium hypochlorite tank	4,000 gal LAC 33:III.501.B.5.A.4
1231	lime mud washer,2	300,636 gal LAC 33:III.501.B.5.B.27

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ID No.:	Description		Citation
651	lube oil tank	300 gal	LAC 33:III.501.B.5.A.3
652	hydraulic fluid tank	300 gal	LAC 33:III.501.B.5.A.3
819	pulp mill chemical additive tank	6,000 gal	LAC 33:III.501.B.5.A.4
109	pulp mill chemical additive tank	10,000 gal	LAC 33:III.501.B.5.A.4
110	pulp mill chemical additive tank	3,000 gal	LAC 33:III.501.B.5.A.4
336	recycle chemical additive tank	16,920 gal	LAC 33:III.501.B.5.A.4
1261	tall oil plant deliquoring tank	70,462 gal	LAC 33:III.501.B.5.B.39
1254	tall oil decanter # 1	11,744 gal	LAC 33:III.501.B.5.B.39
1254	tall oil decanter # 2	11,744 gal	LAC 33:III.501.B.5.B.39
1255	tall oil decanter # 2	11,744 gal	LAC 33:III.501.B.5.B.39
1260	brine receiver tank	39,083 gal	LAC 33:III.501.B.5.A.3
1257	50 % caustic tank	10,606 gal	LAC 33:III.501.B.5.B.40
1264	tall oil plant chemical additive tank	2,000 gal	LAC 33:III.501.B.5.B.39
1259	scrubber receiver tank vent	3,000 gal	LAC 33:III.501.B.5.A.3
1019	sulfuric acid tank	4,005/14,171 gal	LAC 33:III.501.B.5.A.4
813	screen rejects tank	3,171/3,454 gal	LAC 33:III.501.B.5.A.3
1258	crude tall oil storage tank	50,873 gal	LAC 33:III.501.B.5.B.39
948	reel lube tank	3,062 gal	LAC 33:III.501.B.5.B.3
951	propylene glycol tank	600/1,200 gal	LAC 33:III.501.B.5.A.3
1062	# 1 and # 2 turbine lube oil tanks	3,450/215 gal	LAC 33:III.501.B.5.A.3
1318	bottom machine chest stand pipe	3,100 gal	LAC 33:III.501.B.5.B.37
1311	bottom stock machine chest	75,202 gal	LAC 33:III.501.B.5.B.37
1316	bottom surge chest	103,344 gal	LAC 33:III.501.B.5.B.37
824	broke decker	12,925 gal	LAC 33:III.501.B.5.B.37
814	broke storage tank	595,000 gal	LAC 33:III.501.B.5.B.37
823	clear white water tank	28,537 gal	LAC 33:III.501.B.5.B.37
1222	dregs filter	850 gal	LAC 33:III.501.B.5.B.37
1219	dregs filter vac. pump	320 gal	LAC 33:III.501.B.5.B.37
1223	dregs washer	22,842 gal	LAC 33:III.501.B.5.B.37
1226	dust sump tank	423 gal	LAC 33:III.501.B.5.B.37

**AIR PERMIT BRIEFING SHEET**  
**AIR PERMITS DIVISION**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Weyerhaeuser Co - Red River Mill**

**Agency Interest No.: 2645**

**Weyerhaeuser Company**

**Campti, Natchitoches Parish, Louisiana**

ID No.:	Description	Citation
1309	filler machine chest	103,262 gal LAC 33:III.501.B.5.A.4
1320	filler stand pipe	3,974 gal LAC 33:III.501.B.5.B.38
1233	lime kiln scrubber caustic tank	6,600 gal LAC 33:III.501.B.5.A.40
1219	mud filter vac. pump	320 gal LAC 33:III.501.B.5.B.27
1220	mud filter vac. pump	320 gal LAC 33:III.501.B.5.B.27
1222	precoat filter	1,100 gal LAC 33:III.501.B.5.A.10
822	rich white water chest	27,621 gal LAC 33:III.501.B.5.B.8
1314	sec. fiber surge chest	28,772 gal LAC 33:III.501.B.5.B.8
930	shower water tank	6,016 gal LAC 33:III.501.B.5.B.8
1307	top ply standpipe	3,102 gal LAC 33:III.501.B.5.B.8
1306	top stock machine chest	45,121 gal LAC 33:III.501.B.5.B.8
1305	top surge chest	45,121 gal LAC 33:III.501.B.5.B.8
SPCC-2	#1 PM Deflaker Hyd. Tank	15 gal LAC 33:III.501.B.5.A.2
SPCC-3	Paper Machine Diesel Tank	600 gal LAC 33:III.501.B.5.A.3
SPCC-4	#1 PM Refiner Tank	60 gal LAC 33:III.501.B.5.A.2
SPCC-6	#1 PM Röll Splitter Hyd. Tank	30 gal LAC 33:III.501.B.5.A.2
SPCC-7	#1 PM Upender Hyd. Tank	45 gal LAC 33:III.501.B.5.A.2
SPCC-8	#1 PM Winder Hyd. Tanks (2)	260 ea. gal LAC 33:III.501.B.5.A.3
SPCC-9	#1 PM Bander Hyd. Tank	77 gal LAC 33:III.501.B.5.A.2
SPCC-10	#1 PM Cal. & Reel Hyd. Tank	350 gal LAC 33:III.501.B.5.A.3
SPCC-11	#1 Btm. Cal. Preheat Tank	650 gal LAC 33:III.501.B.5.A.3
SPCC-12	#1 PM Calendar Stack Oil Tank	3,000 gal LAC 33:III.501.B.5.A.3
SPCC-15	#1 PM Press Hydraulic Tank	110 gal LAC 33:III.501.B.5.A.2
SPCC-25	#1 PM Lube Chest	5,800 gal LAC 33:III.501.B.5.A.3
SPCC-31	K Oil Tank	12,300 gal LAC 33:III.501.B.5.A.3
SPCC-33	Central Lube Oil System Collection DS Sump	60 gal LAC 33:III.501.B.5.A.2
SPCC-34	#1 Lube Oil Sump Tank	60 gal LAC 33:III.501.B.5.A.2
SPCC-35	#2 PM Winder Hyd. Tank	300 gal LAC 33:III.501.B.5.A.3
SPCC-39	#2 PM Reel & Skimming Roll Hydraulic Tanks (2)	150 gal LAC 33:III.501.B.5.A.2
SPCC-44	#2 Paper Machine K Tank	12,000 gal LAC 33:III.501.B.5.A.4

**AIR PERMIT BRIEFING SHEET**  
**AIR PERMITS DIVISION**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Weyerhaeuser Co - Red River Mill**

**Agency Interest No.: 2645**

**Weyerhaeuser Company**

**Campti, Natchitoches Parish, Louisiana**

ID No.:	Description	Citation
SPCC-51	#2 PM Roll Splitter Hyd. Tank	45 gal LAC 33:III.501.B.5.A.2
SPCC-54	Mill Gasoline Tank	3,000 gal LAC 33:III.501.B.5.A.3
SPCC-55	Mill Diesel Tank	3,000 gal LAC 33:III.501.B.5.A.3
SPCC-56	#2 Pine Truck Dumper Hydraulic Tank	500 gal LAC 33:III.501.B.5.A.3
SPCC-57	Hard Wood Truck Dumper Hydraulic Tank	500 gal LAC 33:III.501.B.5.A.3
SPCC-58	#1 Pine Truck Dumper Hydraulic Tank	500 gal LAC 33:III.501.B.5.A.3
SPCC-59	Back Scratcher Lube Chest	750 gal LAC 33:III.501.B.5.A.3
SPCC-60	Back Scratcher Lube Chest	50 gal LAC 33:III.501.B.5.A.2
SPCC-62	Drum Rack Storage (varies)	55 gal ea. LAC 33:III.501.B.5.A.2
SPCC-65	Mill Fire Water Diesel Tank	250 gal LAC 33:III.501.B.5.A.2
SPCC-71	Mill Water Clarifier Diesel Tank	108 gal LAC 33:III.501.B.5.A.2
SPCC-76	#2 Turbine Bldg. Diesel Tank	580 gal LAC 33:III.501.B.5.A.3
SPCC-77	#2 Turbine Bldg. Diesel Tank-Inside	55 gal LAC 33:III.501.B.5.A.3
SPCC-98	Diesel Tank #2 Recovery	1,000 gal LAC 33:III.501.B.5.A.3
SPCC-141	Mill Service Diesel Tank	537 gal LAC 33:III.501.B.5.A.3
SPCC-149	Hydraulic Oil Tank	1,100 gal LAC 33:III.501.B.5.A.3
SPCC-150	Diesel Fuel Tank	8,000 gal LAC 33:III.501.B.5.A.3
SPCC-178	Cat Shop-Oil Bin	300 gal LAC 33:III.501.B.5.A.3
SPCC-181	Wire Cutter Hyd. Tank	192 gal LAC 33:III.501.B.5.A.2
SPCC-206	Off-road Diesel Tank	8,000 gal LAC 33:III.501.B.5.A.3
SPCC-207	Gasoline Tank	3,000 gal LAC 33:III.501.B.5.A.3
SPCC-208	On-Road Diesel Tank	10,000 gal LAC 33:III.501.B.5.A.3
SPCC-15A	#1 PM Press Rolls	1,000 gal LAC 33:III.501.B.5.B.34
	170 Log Crane Grapple	250 gal LAC 33:III.501.B.5.B.4
	Knuckle Boom Loader	150 gal LAC 33:III.501.B.5.B.4
	Knuckle Boom Loader	75 gal LAC 33:III.501.B.5.B.4
	Rolling Stock Fuel Tanks	220 gal max LAC 33:III.501.B.5.A.8
	Screw Press Chemical Additives Tanks (10)	2,000 lbs LAC 33:III.501.B.5.A.4
	Utilities Chemical Additives Tank	1,200 gal LAC 33:III.501.B.5.A.4
	Mill Water Clarifier Chemical Additives Tank	2,000 gal LAC 33:III.501.B.5.A.4

**AIR PERMIT BRIEFING SHEET**  
**AIR PERMITS DIVISION**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Weyerhaeuser Co - Red River Mill**  
**Agency Interest No.: 2645**  
**Weyerhaeuser Company**  
**Campti, Natchitoches Parish, Louisiana**

ID No.:	Description	Citation
-	Mill Water Clarifier Chemical Additives Tank	4,000 gal LAC 33:III.501.B.5.A.4
-	Evap. Cooling Tower Chemical Additives Tank	1,025 gal LAC 33:III.501.B.5.A.4
-	PM1 Chemical Additives Tanks (4)	10,500 gal LAC 33:III.501.B.5.A.4
-	Mill Water Clarifier Polymer Tank	6,000 gal LAC 33:III.501.B.5.A.4
-	Effluent Clarifier Polymer Tank	4,000 gal LAC 33:III.501.B.5.A.4
-	Utilities Chemical Additives Tank	4,000 gal LAC 33:III.501.B.5.B.40
-	Utilities Chemical Additives Tank	2,000 gal LAC 33:III.501.B.5.A.4
-	Recycle DAE Polymer Tank	3,000 gal LAC 33:III.501.B.5.A.3
-	Mill Water Clarifier Tank	3,000 gal LAC 33:III.501.B.5.B.8
-	Screw Press Polymer Tank (2)	6,000 gal LAC 33:III.501.B.5.A.3
-	#2 PM Caustic, various acids Tanks (2 each)	4000, 2501 LAC 33:III.501.B.5.B.3
-	Utilities Tank	1,500 gal LAC 33:III.501.B.5.B.8
-	Utilities Tank	1,000 gal LAC 33:III.501.B.5.B.8
-	Effluent Clarifier Tank	7,000 gal LAC 33:III.501.B.5.B.8
-	#2 PM Tank	300 gal LAC 33:III.501.B.5.A.4
-	Mill Water Tank	300 gal LAC 33:III.501.B.5.A.4
-	Precoat filters Tanks (3)	300 gal, LAC 33:III.501.B.5.A.4
-	Recycle Polymer Tanks (2)	300 gal LAC 33:III.501.B.5.A.4
-	Utilities Tanks (2)	300 gal LAC 33:III.501.B.5.A.4
-	Green Liquor Clarifier Polymer Tanks (3)	300 gal LAC 33:III.501.B.5.A.3
-	Tall Oil Plant Tanks (2)	300 gal LAC 33:III.501.B.5.A.4
-	Pulp Mill Tanks (2)	300 gal LAC 33:III.501.B.5.A.4
-	Blow Heat Evap. Tower Tanks (3)	300 gal LAC 33:III.501.B.5.A.4
-	Boiler water clarifer Tank	300 gal LAC 33:III.501.B.5.B.8
-	#1, #2 PM; Recycle Chemical Additives Tank Tanks (6)	300 gal LAC 33:III.501.B.5.A.4
-	Utilities Chemical Additives Tank Tanks (2)	300 gal LAC 33:III.501.B.5.A.4
-	#1, #2 PM Surfactants Tanks (10)	300 gal LAC 33:III.501.B.5.A.10
-	#1 and #2 PM Polymer Tanks (1 each)	2,000 gal, 6,400 gal LAC 33:III.501.B.5.A.4
-	Pulp Mill Tank	4,000 gal LAC 33:III.501.B.5.A.3
-	Blow Heat Evap. Tower Tanks (3)	300 gal LAC 33:III.501.B.5.A.4

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

Weyerhaeuser Co - Red River Mill  
 Agency Interest No.: 2645  
 Weyerhaeuser Company  
 Campti, Natchitoches Parish, Louisiana

**X. Table 1. Applicable Louisiana and Federal Air Quality Requirements**

ID No:	Description	LAC 33:III Chapter										40 CFR 60 NSPS						40 CFR 63 NESHPAP						40 CFR				
		2	5	9	11	13	15	21	23	29*	51*	56	59	A	D	Db	Dc	Kb	BB	A	S	MM	DDDD	S2	64	68		
GRP 11	Facility Wide (All Phases)	1	1	1	1	1	1	1	1	1	1	2	1							1	1	1	1	1	1	2	2	
ARE 4	13 Brownstock Washers - A & B Lines (Phase I)										1													2	1			
ARE 5	15 Wastewater Treatment Effluent System (All Phases)										2																	
ARE 6	26 Recycle Area (All Phases)									2		2												2				
ARE 7	27 Plant Roads (All Phases)								1																			
EQT 3	01 Recovery Boiler No. 1 (Phase I)					3	3	1	1	1	1													2	1			
EQT 4	02 Smelt Dissolving Tank No. 1 (Phase I)					3	1	1	1	1	1													2	1			
EQT 5	03 Power Boiler (All Phases)				1	3	1			1	1												2			1		
EQT 6	04 Recovery Boiler No. 2 (Phase I)				3	3	1	1	1														2		1			
EQT 7	05 Smelt Dissolving Tank No. 2 (Phase I)				3	1	1	1	1														2		1			
EQT 8	06 Lime Kiln (Phase I); Backup Lime Kiln (Phase II)				1	3	1	1	1														2		1			
EQT 9	07 Hogged Fuel Boiler No. 1 (All Phases)				1	1	1	1	1														2	2	3		1	
EQT 10	08 Tall Oil Plant (All Phases)									3																		
EQT 11	09 Hogged Fuel Boiler No. 2 (All Phases)				1	1	1	1	1														3	1	3		1	

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Weyerhaeuser Co - Red River Mill**  
**Agency Interest No.: 2645**  
**Weyerhaeuser Company**  
**Camppti, Natchitoches Parish, Louisiana**

**X. Table 1. Applicable Louisiana and Federal Air Quality Requirements**

ID No:	Description	LAC 33:III.Chapter										40 CFR 60 NSPS					40 CFR 63 NESHPAP					40 CFR					
		2	5	9	11	13	15	21	23	29*	51*	56	59	A	D	Db	Dc	Kb	BB	A	S	MM	DDDDD	S2	64	68	
EQT 12	10 Old Digester System (Phase I)							1	1											2	1						
EQT 14	11 New Digester System (Phase I); Hardwood Digester System (Phase II)							1	1											1	1						
EQT 46	16 Gasoline Storage Tank (All Phases)						1																				
EQT 48	23 Slaker System (Phase I)					3						2								2							
EQT 49	40 Coke Storage Silo (All Phases)					3																					
EQT 118	25 Propane Storage Tanks (All Phases)							1												2							
EQT 120	41 Recovery Boiler No. 3 & Smelt Tank No. 3 (Phase II)	1		3	3	1		1	1											1	1						
EQT 121	42 Lime Kiln No. 2 (Phase II)			1	3	2		1	1											1	1						
EQT 122	43 Slaker/Causticizer System (Phase II)	1		3																							
EQT 123	46 Softwood Pulping System (Phase II)					1	3	2	1	1																	
FUG 1	44 Chip Unloading (Phase II)					1		1	1											.1	1						
FUG 2	46 Chip Handling (Phase II)					1		1																			
GRP 3	12 Unwashed Brownstock Handling System									2	1									2	1						
EQT 18	111 - Pine Refined Stock Tank (Phase I)										2										2						
EQT 22	112 - #1 Pine Primary Screen Reject Tank (Phase I)											2									2						

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Weyerhaeuser Co - Red River Mill**  
**Agency Interest No.: 2645**  
**Weyerhaeuser Company**  
**Campi, Natchitoches Parish, Louisiana**

**X. Table 1. Applicable Louisiana and Federal Air Quality Requirements**

ID No:	Description	LAC 33:III Chapter										40 CFR 60 NSPS					40 CFR 63 NESAP			40 CFR					
		2	5	9	11	13	15	21	23	29*	51*	56	59	A	D	Db	Dc	Kb	BB	A	S	MM	DDDDD	S2	64
EQT 25	115 - HDW Screened Stock Tank (All Phases)																								
EQT 26	116 - HDW Liquor Filter (All Phases)																								
EQT 27	119 - Liquor Salvage Tank (All Phases)																								
EQT 33	123a - A Line Filtrate Tank (Phase I)																								
EQT 34	123b - A Line Filtrate Tank (Phase I)																								
EQT 35	123c - A Line Filtrate Tank (Phase I)																								
EQT 36	124a - B Line Filtrate Tank (Phase I)																								
EQT 37	124b - B Line Filtrate Tank (Phase I)																								
EQT 38	124c - B Line Filtrate Tank (Phase I)																								
EQT 41	130 - Primary Rejects Tank (All Phases)																								
EQT 47	202 - Weak Liquor Storage Tank (Phase I)																								
GRP 4	14 Brownstock Washer - C Line (All Phases)																								
EQT 23	113 - HDW Clean Filtrate Tank (All Phases)																								
EQT 24	114 - HDW Dirty Filtrate Tank (All Phases)																								
GRP 5	17 Paper Machines (All Phases)																								
EQT 50	801a - Dryer Exhaust Hood 1 (All Phases)																								

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

Weyerhaeuser Co - Red River Mill  
 Agency Interest No.: 2645  
 Weyerhaeuser Company  
 Campti, Natchitoches Parish, Louisiana

**X. Table 1. Applicable Louisiana and Federal Air Quality Requirements**

ID No:	Description	LAC 33:II Chapter										40 CFR 60 NSPS					40 CFR 63 NESHAP			40 CFR						
		2	5	9	11	13	15	21	23	29*	51*	56	59	A	D	Db	Dc	Kb	BB	A	S	MM	DDDD	52	64	68
EQT 51	801b - Dryer Exhaust Hood 2 (All Phases)																									
EQT 52	801c - Dryer Exhaust Hood 3 (All Phases)																									
EQT 53	801d - Dryer Exhaust Hood 4 (All Phases)																									
EQT 54	801e - Dryer Exhaust Hood 5 (All Phases)																									
EQT 55	801f - Dryer Exhaust Hood 6 (All Phases)																									
EQT 56	801g - Dryer Exhaust Hood 7 (All Phases)																									
EQT 57	802a - Wet End Exhaust Fan 1 (All Phases)																									
EQT 58	802b - Wet End Exhaust Fan 2 (All Phases)																									
EQT 59	802c - Wet End Exhaust Fan 3 (All Phases)																									
EQT 60	802d - Wet End Exhaust Fan 4 (All Phases)																									
EQT 61	802e - Wet End Exhaust Fan 5 (All Phases)																									
EQT 62	802f - Wet End Exhaust Fan 6 (All Phases)																									
EQT 63	802g - Wet End Exhaust Fan 7 (All Phases)																									
EQT 64	803 - Dry End Exhaust Fan (All Phases)																									
EQT 65	805 - Pick-up Roll Vac. Pump Exhaust (All Phases)																									
EQT 66	806 - Flat, 1st Press Suct, Couch Vacs (All Phases)																									

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

Weyerhaeuser Co - Red River Mill  
 Agency Interest No.: 2645  
 Weyerhaeuser Company  
 Campti, Natchitoches Parish, Louisiana

**X. Table 1. Applicable Louisiana and Federal Air Quality Requirements**

ID No:	Description	LAC 33:III Chapter										40 CFR 60 NSPS					40 CFR 63 NESHPAP			40 CFR					
		2	5	9	11	13	15	21	23	29*	51*	56	59	A	D	Db	Dc	Kb	BB	A	S	MM	DDDDD	S2	64
EQT 67	807 - 1st Press Top Uhle Box Vac. Exhaust (All Phases)																								
EQT 68	808 - 2nd Press Top Uhle Box Vac. Exhaust (All Phases)																								
EQT 69	809a - Isoflow Blower (All Phases)																								
EQT 70	809b - Slice Vac. Pump Vacufoil (All Phases)																								
EQT 71	809c - Vacfoil Blower (All Phases)																								
EQT 72	811 - Belbond Vac. Pump (All Phases)																								
EQT 74	829 - Fordmier Exhaust Fan (All Phases)																								
EQT 75	831 - Flat Box #3 Vac. Pump (All Phases)																								
EQT 76	832 - Dry End Pulper (Phase I)																								
EQT 77	835 - 1st and 2nd Bottom Uhle Box Vac. (All Phases)																								
EQT 88	918 - Second Section Vacuum Roll Exhaust (All Phases)																								
EQT 89	919 - GH Forming Section Exhaust Fan (All Phases)																								
EQT 90	925a - Dryer Exhaust Hood 1 (All Phases)																								
EQT 91	925b - Dryer Exhaust Hood 2 (All Phases)																								
EQT 92	925c - Dryer Exhaust Hood 3 (All Phases)																								

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Weyerhaeuser Co - Red River Mill**  
**Agency Interest No.: 2645**  
**Weyerhaeuser Company**  
**Camppti, Natchitoches Parish, Louisiana**

**X. Table 1. Applicable Louisiana and Federal Air Quality Requirements**

ID No:	Description	LAC 33:II.Chapter										40 CFR 60 NSPS					40 CFR 63 NESHPAP.					40 CFR				
		2	5	9	11	13	15	21	23	29*	51*	56	59	A	D	Db	Dc	Kb	BB	A	S	MM	DDDDD	52	64	68
EQT 93	925d - Dryer Exhaust Hood 4 (All Phases)																									
EQT 94	926 - Vac. Box Vac. Pump (All Phases)																									
EQT 95	927 - Forming Shoe Vac. Pump (All Phases)																									
EQT 96	932 - Dry End Pulper Exhaust (All Phases)																									
EQT 97	933a - Vac. Pump #1 (All Phases)																									
EQT 98	933b - Vac. Pump #2 (All Phases)																									
EQT 99	934a - Vac. Pump #3 (All Phases)																									
EQT 100	934b - Vac. Pump #4 (All Phases)																									
EQT 101	935a - Vac. Pump #5 (All Phases)																									
EQT 102	935b - Vac. Pump #6 (All Phases)																									
EQT 103	935c - Vac. Pump #7 (All Phases)																									
EQT 104	935d - Vac. Pump #8 (All Phases)																									
EQT 105	936 - 1st Press Vac. Roll Exhaust (All Phases)																									
EQT 106	937a - False Ceiling Fan 1 (All Phases)																									
EQT 107	937b - False Ceiling Fan 2 (All Phases)																									
EQT 108	937c - False Ceiling Fan 3 (All Phases)																									
EQT 109	937d - False Ceiling Fan 4 (All Phases)																									
EQT 110	939a - Roof Exhaust Fan 1 (All Phases)																									

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Weyerhaeuser Co - Red River Mill**  
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**Campti, Natchitoches Parish, Louisiana**

**X. Table 1. Applicable Louisiana and Federal Air Quality Requirements**

ID No:	Description	LAC 33-III Chapter										40 CFR 60 NSPS					40 CFR 63 NESHAP					40 CFR			
		2	5	9	11	13	15	21	23	29*	51*	56	59	A	D	Db	Dc	Kb	BB	A	S	MM	DDDDD	52	64
EQT 111	939b - Roof Exhaust Fan 2 (All Phases)																								
EQT 112	939c - Roof Exhaust Fan 3 (All Phases)																								
EQT 113	939d - Roof Exhaust Fan 4 (All Phases)																								
EQT 114	940 - Top Slice Blower (All Phases)																								
EQT 115	942 - SP Former (All Phases)																								
EQT 116	943 - Wire Clean Box Vac. (All Phases)																								
GRP 6	18 Old Stock Prep Storage Tanks (Phase I); Pulp Storage Tanks (Phase II)														2	2									
EQT 42	1301a - #1 Pine HD Storage Tank; 1301b - #2 Pine HD Storage Tank (All Phases)														2	2									
EQT 43	1301c - New Softwood HD Storage Tank (Phase II)														1	2	2								
EQT 44	1302 - Hardwood HD Storage Tank (Phase II)																								
GRP 7	19 New Stock Prep Storage Tanks (All Phases)														2	2									
EQT 44	1302 - HDW HD Storage Tank (Phase I)														2	2									
EQT 45	1310 - HDW Surge Tank (All Phases)														2	2									
EQT 73	816 - White Water Storage Tank (All Phases)														2	2									
EQT 79	909 - Mixed Sec. Fiber Surge Tank (All Phases)														2	2									

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Weyerhaeuser Co - Red River Mill**  
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**Campi, Natchitoches Parish, Louisiana**

**X. Table 1. Applicable Louisiana and Federal Air Quality Requirements**

ID No:	Description	LAC 33:III Chapter										40 CFR 60 NSPS					40 CFR 63 NESAP			40 CFR				
		2	5	9	11	13	15	21	23	29*	51*	56	59	A	D	Db	Dc	Kb	BB	A	S	MM	DDDDD	S2
EQT 80	910 - Long Sec. Fiber Surge Chest (All Phases)																							
EQT 81	911 - Top Machine Chest (All Phases)																							
EQT 82	912 - Filler Machine (All Phases)																							
EQT 83	913 - Bottom Machine Chest (All Phases)																							
EQT 84	914 - W.W. Chest #2 (All Phases)																							
EQT 85	915 - Brike Chest (All Phases)																							
EQT 86	916 - Saveall (All Phases)																							
EQT 87	917 - Saveall White Water Chest (All Phases)																							
GRP 8	21 Evaporator Area Tanks (All Phases)																							
EQT 13	1018 - 50% Black Liquor Tank (All Phases)																							
EQT 15	1103 - Multi-purpose Tank (All Phases)																							
EQT 125	1104 - Combined Condensate Tank (All Phases)																							
EQT 17	1106 - Boilout Tank (All Phases)																							
EQT 19	1111 - Weak Liquor Storage Tank (All Phases)																							
EQT 20	1112a - Strong Black Liquor Tank #1 (All Phases)																							

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

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**Weyerhaeuser Company**  
**Campti, Natchitoches Parish, Louisiana**

**X. Table 1. Applicable Louisiana and Federal Air Quality Requirements**

ID No:	Description	LAC 33:III.Chapter										40 CFR 60 NSPS					40 CFR 63 NESHPAP			40 CFR					
		2	5	9	11	13	15	21	23	29*	51*	56	59	A	D	Db	Dc	Kb	BB	A	S	MM	DDDDD	52	64
EQT 21	1112b - Strong Black Liquor Tank #2 (All Phases)																								
GRP 9	22 Causticizing Tanks (All Phases)																								
EQT 28	1210a - Green Liquor Clarifier Tanks (All Phases)																								
EQT 29	1212a : Causticizing Tanks (All Phases)																								
EQT 30	1213a - Causticizing Stand Pipes (All Phases)																								
EQT 31	1214a - White Liquor Clarifier Tanks (All Phases)																								
EQT 32	1215 - Dregs Washer (All Phases)																								
GRP 10	24 Tall Oil Area Storage Tanks (All Phases)																								
EQT 39	1253 - Neutralized Brine Storage Tank (All Phases)																								
EQT 40	1256 - Brine Mix Tank (All Phases)																								
GRP 12	LK-CAP Lime Kiln Usage (Phase II)																								

\* The regulations indicated above are State Only regulations.

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**KEY TO MATRIX**

- 1    -The regulations have applicable requirements that apply to this particular emission source.  
      -The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
  - 2    -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
  - 3    -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.
- Blank - The regulations clearly do not apply to this type of emission source.

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**XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source**

ID No:	Requirement	Notes
GRP 11	Odorous Substances [LAC 33:III.2901.E.7]	EXEMPT. Emission points regulated under the Total Reduced Sulfur (TRS) emission standard (LAC 33:III.2301.D.3) are exempt from the provisions of this regulation.
	Chemical Accident Provision [LAC 33:III.Chapter 59]	EXEMPT. The mill does not produce, handle, process, or store substances listed in LAC 33:III.Chapter 59 in quantities greater than the listed threshold.
	Compliance Assurance Monitoring [40 CFR 64]	EXEMPT. Permittee is exempt from CAM requirements for the initial Part 70 permit because an application had been filed and determined to be complete prior to April 20, 1998.
	Chemical Accident Prevention Provisions [40 CFR 68]	EXEMPT. The mill does not produce, handle, process, or store substances listed in 40 CFR 68.130 in quantities greater than the listed threshold.
ARE 4	NSPS Subpart BB – Standards of Performance for Kraft Pulp Mills [40 CFR 60.280(b)]	EXEMPT. No construction or modification of this source after September 24, 1976.
ARE 5	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5105.B.8]	EXEMPT. Major sources in the pulp and paper industry are exempt from the MACT provisions of LAC 33:III. Chapter 51.
ARE 6	Storage of Volatile Organic Compounds [LAC 33:III.2103.A]	EXEMPT. Tanks do not store a volatile organic compound with a vapor pressure of 1.5 psia or greater.
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5105.B.8]	EXEMPT. Major sources in the pulp and paper industry are exempt from the MACT provisions of LAC 33:III. Chapter 51.
	NSPS – Subpart Kb Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984. [40 CFR 60.110b]	EXEMPT. In the final rule for NSPS Subpart Kb dated October 15, 2003, EPA has exempted process tanks and eliminated recordkeeping requirements for storage vessels with a capacity less than 19,812 gallons, for storage vessels with a capacity between 19,812 and 39,889 gallons storing liquid with vapor pressure less than 2.18 psia, and for storage vessels with a capacity greater than 39,889 gallons storing liquid with vapor pressure less than 0.51 psia.

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ID No:	Requirement	Notes
EQT 3	Control of Emission of Smoke [LAC 33:III.1101.B] Emission Standards for Particulate Matter [LAC 33:III.1301.B] Emission Standards for Sulfur Dioxide [LAC 33:III.1503.C]	DOES NOT APPLY. A specific opacity limit for recovery boilers is given in LAC 33:III.2301.D.4 for the Woodpulping industry. DOES NOT APPLY. This Section does not apply to the wood pulping industry. EXEMPT. Source emits less than 250 tons of SO2 per year is exempt from the 2,000 ppmv limitation but permittee must maintain records to verify exemption from LAC 33:III.1503.C.
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5105.B.8]	EXEMPT. Major sources in the pulp and paper industry are exempt from the MACT provisions of LAC 33:III. Chapter 51.
	NSPS Subpart BB – Standards of Performance for Kraft Pulp Mills [40 CFR 60.280(b)]	EXEMPT. No construction or modification of this source after September 24, 1976.
EQT 4	Emission Standards for Particulate Matter [LAC 33:III.1301.B] Emission Standards for Sulfur Dioxide [LAC 33:III.1503.C]	DOES NOT APPLY. This Section does not apply to the wood pulping industry. EXEMPT. Source emits less than 250 tons of SO2 per year is exempt from the 2,000 ppmv limitation but permittee must maintain records to verify exemption from LAC 33:III.1503.C.
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5105.B.8]	EXEMPT. Major sources in the pulp and paper industry are exempt from the MACT provisions of LAC 33:III. Chapter 51.
	NSPS Subpart BB – Standards of Performance for Kraft Pulp Mills [40 CFR 60.280(b)]	EXEMPT. No construction or modification of this source after September 24, 1976.
EQT 5	Emission Standards for Particulate Matter [LAC 33:III.1301.B] Emission Standards for Sulfur Dioxide [LAC 33:III.1503.C]	DOES NOT APPLY. This Section does not apply to the wood pulping industry. EXEMPT. Source emits less than 250 tons of SO2 per year is exempt from the 2,000 ppmv limitation but permittee must maintain records to verify exemption from LAC 33:III.1503.C.
	NSPS Subpart Dc – Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units [40 CFR 60.40c(a)]	EXEMPT. No construction or modification of this source after June 9, 1989.

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ID No:	Requirement	Notes
EQT 6	Control of Emission of Smoke [LAC 33:III.1101.B] Emission Standards for Particulate Matter [LAC 33:III.1301.B] Emission Standards for Sulfur Dioxide [LAC 33:III.1503.C]	DOES NOT APPLY. A specific opacity limit for recovery boilers is given in LAC 33:III.2301.D.4 for the Woodpulping industry. DOES NOT APPLY. This Section does not apply to the wood pulping industry. EXEMPT. Source emits less than 250 tons of SO2 per year is exempt from the 2,000 ppmv limitation but permittee must maintain records to verify exemption from LAC 33:III.1503.C.
EQT 7	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5105.B.8] NSPS Subpart BB – Standards of Performance for Kraft Pulp Mills [40 CFR 60.280(b)] Emission Standards for Particulate Matter [LAC 33:III.1301.B] Emission Standards for Sulfur Dioxide [LAC 33:III.1503.C]	EXEMPT. Major sources in the pulp and paper industry are exempt from the MACT provisions of LAC 33:III. Chapter 51. EXEMPT. No construction or modification of this source after September 24, 1976. DOES NOT APPLY. This Section does not apply to the wood pulping industry. EXEMPT. Source emits less than 250 tons of SO2 per year is exempt from the 2,000 ppmv limitation but permittee must maintain records to verify exemption from LAC 33:III.1503.C.
EQT 8	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5105.B.8] NSPS Subpart BB – Standards of Performance for Kraft Pulp Mills [40 CFR 60.280(b)] Emission Standards for Particulate Matter [LAC 33:III.1301.B] NSPS Subpart BB – Standards of Performance for Kraft Pulp Mills [40 CFR 60.280(b)] Emission Standards for Sulfur Dioxide [LAC 33:III.1503.C]	EXEMPT. Major sources in the pulp and paper industry are exempt from the MACT provisions of LAC 33:III. Chapter 51. EXEMPT. No construction or modification of this source after September 24, 1976. DOES NOT APPLY. This Section does not apply to the wood pulping industry. EXEMPT. No construction or modification of this source after September 24, 1976. EXEMPT. Source emits less than 250 tons of SO2 per year is exempt from the 2,000 ppmv limitation but permittee must maintain records to verify exemption from LAC 33:III.1503.C.
EQT 9	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5105.B.3.a]	EXEMPT. Emissions from the combustion of Group I virgin fossil fuels (natural gas) are exempt from the requirements of this Subchapter.

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ID No:	Requirement	Notes
EQT 9 Cont.	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5105.B.7] NSPS Subpart D – Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units [40 CFR 60.40(a)(2)]	EXEMPT. Emissions from the combustion of wood residue fuel are exempt from the provisions of LAC 33:III.5109.
	NSPS Subpart Db - Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units [40 CFR 60.40b(a)]	EXEMPT. By letter dated February 9, 2004, the Louisiana Department of Environmental Quality determined that the boiler's maximum hourly natural gas heat input capability is lower than the NSPS Subpart D threshold.
	NSPS Subpart Dc – Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units [40 CFR 60.40c(a)]	EXEMPT. No construction or modification of this source after June 19, 1984.
EQT 10	Emission Standards for Particulate Matter [LAC 33:III.1301.B] Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5105.B.8]	DOES NOT APPLY. The boiler has a maximum design heat input capacity greater than 100 MM BTU/hr. DOES NOT APPLY. This Section does not apply to the wood pulping industry.
	Emission Standards for Sulfur Dioxide [LAC 33:III.1503.C]	EXEMPT. Major sources in the pulp and paper industry are exempt from the MACT provisions of LAC 33:III. Chapter 51.
EQT 11	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5105.B.3.a]	EXEMPT. BACT limit for SO <sub>2</sub> is more stringent.
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5105.B.7]	EXEMPT. Emissions from the combustion of Group I virgin fossil fuels (natural gas) are exempt from the requirements of this Subchapter.
	NSPS Subpart D – Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units [40 CFR 60.40(a)(2)]	EXEMPT. Emissions from the combustion of wood residue fuel are exempt from the provisions of LAC 33:III.5109.
	NSPS Subpart Dc – Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units [40 CFR 60.40c(a)]	DOES NOT APPLY. Boiler meets the requirements of 40 CFR 60.40b(a) and is not subject to the requirements NSPS Subpart D according to 40 CFR 60.40b(j). DOES NOT APPLY. The boiler has a maximum design heat input capacity greater than 100 MM BTU/hr.

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ID No:	Requirement	Notes
EQT 12	Control of Emissions from the Chemical Woodpulping Industry [LAC 33:III.2301.D.3.b]	APPLIES. The TRS standards comply by meeting the more stringent MACT requirements of NESHAP – Subpart S for non-condensable gases.  EXEMPT. Major sources in the pulp and paper industry are exempt from the MACT provisions of LAC 33:III. Chapter 51.
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5105.B.8]	EXEMPT. No construction or modification of this source after September 24, 1976.
	NSPS Subpart BB – Standards of Performance for Kraft Pulp Mills [40 CFR 60.280(b)]	APPLIES. The TRS standards comply by meeting the more stringent MACT requirements of NESHAP – Subpart S for non-condensable gases.  EXEMPT. Major sources in the pulp and paper industry are exempt from the MACT provisions of LAC 33:III. Chapter 51.
EQT 14	Control of Emissions from the Chemical Woodpulping Industry [LAC 33:III.2301.D.3.b]	APPLIES. The TRS standards comply by meeting the more stringent MACT requirements of NESHAP – Subpart S for non-condensable gases.  EXEMPT. Major sources in the pulp and paper industry are exempt from the MACT provisions of LAC 33:III. Chapter 51.
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5105.B.8]	APPLIES. The TRS standards comply by meeting the more stringent MACT requirements of NESHAP – Subpart S for non-condensable gases.  EXEMPT. Major sources in the pulp and paper industry are exempt from the MACT provisions of LAC 33:III. Chapter 51.
	NSPS Subpart BB – Standards of Performance for Kraft Pulp Mills [40 CFR 60.283(a)(1)]	APPLIES. The TRS standards comply by meeting the more stringent MACT requirements of NESHAP – Subpart S for non-condensable gases.  EXEMPT. The capacity of the gasoline storage tank is less than 10,566 gallons.
EQT 46	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5105.B.8]  NSPS – Subpart Kb Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984. [40 CFR 60.110b(a)]	DOES NOT APPLY. This Section does not apply to the wood pulping industry.  EXEMPT. The capacity of the gasoline storage tank is less than 10,566 gallons.
EQT 48	Emission Standards for Particulate Matter [LAC 33:III.1301.B]	DOES NOT APPLY. This Section does not apply to the wood pulping industry.
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5105.B.8]	EXEMPT. Major sources in the pulp and paper industry are exempt from the MACT provisions of LAC 33:III. Chapter 51.
EQT 49	Emission Standards for Particulate Matter [LAC 33:III.1301.B]	DOES NOT APPLY. This Section does not apply to the wood pulping industry.

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ID No:	Requirement	Notes
EQT 118	NSPS – Subpart Kb Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984. [40 CFR 60.110(b)(a)]	EXEMPT. The capacity of the propane storage tanks is less than 10,566 gallons.
EQT 120	Control of Emission of Smoke LAC 33.III.1101.B] Emission Standards for Particulate Matter [LAC 33.III.1301.B] Control of Emissions from the Chemical Woodpulping Industry [LAC 33.III.2301.D.1.a & 2301.D.4]	DOES NOT APPLY. A specific opacity limit for recovery boilers is given in LAC 33.III.2301.D.4 for the Woodpulping industry. DOES NOT APPLY. This Section does not apply to the wood pulping industry. APPLIES. The Particulate Matter and Opacity standards comply by meeting the more stringent MACT requirements of NESHPAP – Subpart MM. APPLIES. The TRS standards comply by meeting the more stringent requirements of NSPS – Subpart BB. APPLIES. The Particulate Matter and Opacity standards comply by meeting the more stringent MACT requirements of NESHPAP – Subpart MM. DOES NOT APPLY. This Section does not apply to the wood pulping industry.
EQT 121	Control of Emissions from the Chemical Woodpulping Industry [LAC 33.III.2301.D.3.a.i] NSPS – Subpart BB Standards of Performance for Kraft Pulp Mills [40 CFR 60.282(a)(1)(i) & 282(a)(1)(iii)]  Emission Standards for Particulate Matter [LAC 33.III.1301.B] Emission Standards for Sulfur Dioxide [LAC 33.III.1503.C]	EXEMPT. Source emits less than 250 tons of SO <sub>2</sub> per year is exempt from the 2,000 ppmv limitation but permittee must maintain records to verify exemption from LAC 33.III.1503.C. APPLIES. The Particulate Matter standards comply by meeting the more stringent MACT requirements of NESHPAP – Subpart MM. APPLIES. The TRS standards comply by meeting the more stringent requirements of NSPS – Subpart BB. APPLIES. The Particulate Matter standards comply by meeting the more stringent MACT requirements of NESHPAP – Subpart MM.

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ID No.	Requirement	Notes
EQT 122	Emission Standards for Particulate Matter [LAC 33:III.1301.B]  Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5105.B.8]	DOES NOT APPLY. This Section does not apply to the wood pulping industry.  EXEMPT. Major sources in the pulp and paper industry are exempt from the MACT provisions of LAC 33:III. Chapter 51.
EQT 123	Control of Emissions from the Chemical Woodpulping Industry [LAC 33:III.2301.D.3.b]	APPLIES. The TRS standards comply by meeting the more stringent MACT requirements of NESHAP – Subpart S for non-condensable gases.
	NSPS – Subpart BB Standards of Performance for Kraft Pulp Mills [40 CFR 60.283(a)(1)]	APPLIES. The TRS standards comply by meeting the more stringent MACT requirements of NESHAP – Subpart S for non-condensable gases.
GRP 3; EQT 18, EQT 22, EQT 25, EQT 26, EQT 27, EQT 33, EQT 34, EQT 35, EQT 36, EQT 37, EQT 38, EQT 41, EQT 47	Storage of Volatile Organic Compounds [LAC 33:III.2103.A]	EXEMPT. Tanks do not store a volatile organic compound with a vapor pressure of 1.5 psia or greater.
	NSPS – Subpart Kb Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984. [40 CFR 60.110b]	EXEMPT. In the final rule for NSPS Subpart Kb dated October 15, 2003, EPA has exempted process tanks and eliminated recordkeeping requirements for storage vessels with a capacity less than 19,812 gallons, for storage vessels with a capacity between 19,812 and 39,889 gallons storing liquid with vapor pressure less than 2.18 psia, and for storage vessels with a capacity greater than 39,889 gallons storing liquid with vapor pressure less than 0.51 psia.
GRP 4, EQT 23, EQT 24	Storage of Volatile Organic Compounds [LAC 33:III.2103.A]	EXEMPT. Tanks do not store a volatile organic compound with a vapor pressure of 1.5 psia or greater.
	NSPS – Subpart Kb Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984. [40 CFR 60.110b]	EXEMPT. In the final rule for NSPS Subpart Kb dated October 15, 2003, EPA has exempted process tanks and eliminated recordkeeping requirements for storage vessels with a capacity less than 19,812 gallons, for storage vessels with a capacity between 19,812 and 39,889 gallons storing liquid with vapor pressure less than 2.18 psia, and for storage vessels with a capacity greater than 39,889 gallons storing liquid with vapor pressure less than 0.51 psia.

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ID No.	Requirement	Notes
GRP 4, EQT 23, EQT 24 Cont.	NSPS Subpart BB – Standards of Performance for Kraft Pulp Mills [40 CFR 60.283(a)(1)(iv)]  Storage of Volatile Organic Compounds [LAC 33:III.2103.A] Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5105.B.8].  NSPS – Subpart Kb Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984. [40 CFR 60.110b]	EXEMPT. By letter dated June 20, 2003, EPA Region 6 has determined that the C-Line Brown Stock Washer System qualifies for an exemption from the TRS emission standard because the cost of controlling emissions would be economically unfeasible.  EXEMPT. Tanks do not store a volatile organic compound with a vapor pressure of 1.5 psia or greater.  EXEMPT. Major sources in the pulp and paper industry are exempt from the MACT provisions of LAC 33:III. Chapter 51.
GRP 5, EQT 79	Storage of Volatile Organic Compounds [LAC 33:III.2103.A] Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5105.B.8].  NSPS – Subpart Kb Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984. [40 CFR 60.110b]	EXEMPT. In the final rule for NSPS Subpart Kb dated October 15, 2003, EPA has exempted process tanks and eliminated recordkeeping requirements for storage vessels with a capacity less than 19,812 gallons, for storage vessels with a capacity between 19,812 and 39,889 gallons storing liquid with vapor pressure less than 2.18 psia, and for storage vessels with a capacity greater than 39,889 gallons storing liquid with vapor pressure less than 0.51 psia.
GRP 6, EQT 42, EQT 43, EQT 44	Storage of Volatile Organic Compounds [LAC 33:III.2103.A]  Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5105.B.8].  NSPS – Subpart Kb Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984. [40 CFR 60.110b]	EXEMPT. Tanks do not store a volatile organic compound with a vapor pressure of 1.5 psia or greater.  EXEMPT. Major sources in the pulp and paper industry are exempt from the MACT provisions of LAC 33:III. Chapter 51.  EXEMPT. In the final rule for NSPS Subpart Kb dated October 15, 2003, EPA has exempted process tanks and eliminated recordkeeping requirements for storage vessels with a capacity less than 19,812 gallons, for storage vessels with a capacity between 19,812 and 39,889 gallons storing liquid with vapor pressure less than 2.18 psia, and for storage vessels with a capacity greater than 39,889 gallons storing liquid with vapor pressure less than 0.51 psia.

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ID No:	Requirement	Notes
GRP 7, EQT 44, EQT 45, EQT 73, EQT 79	Storage of Volatile Organic Compounds [LAC 33:III.2103.A]  Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5105.B.8]	EXEMPT. Tanks do not store a volatile organic compound with a vapor pressure of 1.5 psia or greater.  EXEMPT. Major sources in the pulp and paper industry are exempt from the MACT provisions of LAC 33:III. Chapter 51.
	NSPS – Subpart Kb Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984. [40 CFR 60.110b	EXEMPT. In the final rule for NSPS Subpart Kb dated October 15, 2003, EPA has exempted process tanks and eliminated recordkeeping requirements for storage vessels with a capacity less than 19,812 gallons, for storage vessels with a capacity between 19,812 and 39,889 gallons storing liquid with vapor pressure less than 2.18 psia, and for storage vessels with a capacity greater than 39,889 gallons storing liquid with vapor pressure less than 0.51 psia.
GRP 8, EQT 13, EQT 15, EQT 125, EQT 17, EQT 19, EQT 20, EQT 21	Storage of Volatile Organic Compounds [LAC 33:III.2103.A]  Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5105.B.8]	EXEMPT. Tanks do not store a volatile organic compound with a vapor pressure of 1.5 psia or greater.  EXEMPT. Major sources in the pulp and paper industry are exempt from the MACT provisions of LAC 33:III. Chapter 51.
	NSPS – Subpart Kb Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984. [40 CFR 60.110b	EXEMPT. In the final rule for NSPS Subpart Kb dated October 15, 2003, EPA has exempted process tanks and eliminated recordkeeping requirements for storage vessels with a capacity less than 19,812 gallons, for storage vessels with a capacity between 19,812 and 39,889 gallons storing liquid with vapor pressure less than 2.18 psia, and for storage vessels with a capacity greater than 39,889 gallons storing liquid with vapor pressure less than 0.51 psia.

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**Agency Interest No.: 2645**  
**Weyerhaeuser Company**  
**Campi, Natchitoches Parish, Louisiana**

**XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source**

ID No:	Requirement	Notes
GRP 9, EQT 28, EQT 31 EQT 31	Storage of Volatile Organic Compounds [LAC 33:III.2103.A] Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5105.B.8]	EXEMPT. Tanks do not store a volatile organic compound with a vapor pressure of 1.5 psia or greater. EXEMPT. Major sources in the pulp and paper industry are exempt from the MACT provisions of LAC 33:III. Chapter 51.
	NSPS – Subpart Kb Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984. [40 CFR 60.110b]	EXEMPT. In the final rule for NSPS Subpart Kb dated October 15, 2003, EPA has exempted process tanks and eliminated recordkeeping requirements for storage vessels with a capacity less than 19,812 gallons, for storage vessels with a capacity between 19,812 and 39,889 gallons storing liquid with vapor pressure less than 2.18 psia, and for storage vessels with a capacity greater than 39,889 gallons storing liquid with vapor pressure less than 0.51 psia.
GRP 10, EQT 39, EQT 40	Storage of Volatile Organic Compounds [LAC 33:III.2103.A] Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5105.B.8]	EXEMPT. Tanks do not store a volatile organic compound with a vapor pressure of 1.5 psia or greater. EXEMPT. Major sources in the pulp and paper industry are exempt from the MACT provisions of LAC 33:III. Chapter 51.
	NSPS – Subpart Kb Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984. [40 CFR 60.110b]	EXEMPT. In the final rule for NSPS Subpart Kb dated October 15, 2003, EPA has exempted process tanks and eliminated recordkeeping requirements for storage vessels with a capacity less than 19,812 gallons, for storage vessels with a capacity between 19,812 and 39,889 gallons storing liquid with vapor pressure less than 2.18 psia, and for storage vessels with a capacity greater than 39,889 gallons storing liquid with vapor pressure less than 0.51 psia.

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

## 40 CFR PART 70 GENERAL CONDITIONS

- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time; any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]
- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
  - 1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];

## 40 CFR PART 70 GENERAL CONDITIONS

2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
  3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and
  4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]
- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.  
[Reference 40 CFR 70.6(a)(3)(ii)(B)]
- J. Records of required monitoring shall include the following:
1. the date, place as defined in the permit, and time of sampling or measurements;
  2. the date(s) analyses were performed;
  3. the company or entity that performed the analyses;
  4. the analytical techniques or methods used;
  5. the results of such analyses; and
  6. the operating conditions as existing at the time of sampling or measurement.
- [Reference 40 CFR 70.6(a)(3)(ii)(A)]
- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]
- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]
- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of

## 40 CFR PART 70 GENERAL CONDITIONS

attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]

- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]
- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
  1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
  2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
  3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
  4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;

## 40 CFR PART 70 GENERAL CONDITIONS

5. changes in emissions would not qualify as a significant modification; and
  6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]
- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Surveillance Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
  2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
  3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:
    - a. Report by June 30 to cover January through March
    - b. Report by September 30 to cover April through June
    - c. Report by December 31 to cover July through September
    - d. Report by March 31 to cover October through December
  4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]
- S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]

## 40 CFR PART 70 GENERAL CONDITIONS

- T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
  2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
  3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
  4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
  5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
  6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]
- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.
- The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]
- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

## **LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS**

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated October 14, 1996, submitted by Willamette Industries, Inc. On June 30, 2002, Willamette Industries, Inc. was merged into Weyerhaeuser Company. Additional information dated April 5, 2004, January 31, February 22, July 8, August 16, October 19, 2005, February 3, February 17, and February 24, 2006, was also received.
- IV. This permit shall become invalid, for the sources not constructed, if:
  - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
  - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.  
This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.

## LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.
- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Surveillance Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Surveillance Division with a written report as specified below.
- A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
- B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
- C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
1. Report by June 30 to cover January through March

**LOUISIANA AIR EMISSION PERMIT  
GENERAL CONDITIONS**

2. Report by September 30 to cover April through June
  3. Report by December 31 to cover July through September
  4. Report by March 31 to cover October through December
- D. Each report submitted in accordance with this condition shall contain the following information:
1. Description of noncomplying emission(s);
  2. Cause of noncompliance;
  3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
  4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
  5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
- E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.
- XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:
- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
  - B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
  - C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
  - D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.
- XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.

**LOUISIANA AIR EMISSION PERMIT  
GENERAL CONDITIONS**

- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.
- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Air Permits Division, within ninety (90) days after the event, to amend this permit.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:
1. Generally be less than 5 TPY
  2. Be less than the minimum emission rate (MER)
  3. Be scheduled daily, weekly, monthly, etc., or
  4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

- XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division  
La. Dept. of Environmental Quality  
Post Office Box 4302  
Baton Rouge, Louisiana 70821-4302

- XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

## General Information

AI ID: 2645 Weyerhaeuser Co - Red River Mill  
 Activity Number: PER19960001  
 Permit Number: 1980-00004-V0  
 Air - Title V Regular Permit Initial

Also Known As:	ID	Name	User Group	Start Date
	1980-00004	Weyerhaeuser Co - Red River Mill	CDS Number	08-05-2002
	1980-0004	Weyerhaeuser Co - Red River Mill	Emission Inventory	03-03-2004
93-0312940	Federal Tax ID		Federal Tax ID	11-20-1999
LAD062920582	Willamette Industries Inc - Red River Mill		Hazardous Waste Notification	08-18-1980
LA0020800	WP0C File Number		LPDES Permit #	06-25-2003
WP1394	WPC State Permit Number		LWDPS Permit #	06-25-2003
LA-3043-L01	Radioactive Material License		Radiation License Number	08-20-2000
GD-069-08446	Site ID #		Solid Waste Facility No.	04-30-2001
22082	Willamette Industries Inc - Red River Mill		TEMPO Merge	12-09-2001
38848	Willamette Industries Inc		TEMPO Merge	11-19-2001
67002	Willamette Industries Inc		TEMPO Merge	12-30-2001
1980-0004	Toxic Emissions Data Inventory #		Toxic Emissions Data Inventory #	01-01-1991
71411WLLMTHIGHW	TRI #		Toxic Release Inventory	07-09-2004
35-011508	UST Facility ID (from UST legacy data)		Underground Storage Tanks	10-11-2002
3825	Willamette Industries Inc - Red River Mill		Water Permitting	11-21-1999
Physical Location:	4537 Hwy 480 Campti, LA 71411		Main Phone:	3184763392 (ext 312)
Mailing Address:	PO Box 377 Campti, LA 714110377			
Location of Front Gate:	31° 54' 34" N latitude, 91° 10' 29" W longitude, Coordinate Method: GPS-Unspecified, Coordinate Datum: NAD83			
Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Daniel Brown		3184763392 (WF)	Accident Prevention Contact for
	Bobby Dickey	PO Box 377 Campti, LA 714110377	3184763392 (WP)	Underground Storage Tank Contact for
	Carl Gunter	PO Box 377 Campti, LA 714110377	3184763392 (WP)	Responsible Official for
	Larry Morgan	PO Box 377 Campti, LA 714110377	3184763392 (WP)	Air Permit Contact For
	Larry Morgan	PO Box 377 Campti, LA 714110377	3184763392 (WP)	Water Billing Party for
	Will Nipper	PO Box 377 Campti, LA 714110377	3184763392 (WP)	Radiation Safety Officer for
	Will Nipper	PO Box 377 Campti, LA 714110377	will.nipper@weyerha	Solid Waste Billing Party for
	Will Nipper	PO Box 377 Campti, LA 714110377	3184763545 (WF)	Haz. Waste Billing Party for
	Will Nipper	PO Box 377 Campti, LA 714110377	3184763545 (WF)	Radiation License Billing Party for
	Will Nipper	PO Box 377 Campti, LA 714110377	will.nipper@weyerha	Accident Prevention Billing Party for
	Will Nipper	PO Box 377 Campti, LA 714110377	3184763545 (WF)	Accident Prevention Billing Party for
	Will Nipper	PO Box 377 Campti, LA 714110377	3184763392 (WP)	Accident Prevention Billing Party for

## General Information

**AI ID:** 2645 Weyerhaeuser Co - Red River Mill  
**Activity Number:** PER19960001  
**Permit Number:** 1980-00004-V0  
**Air - Title V Regular Permit Initial**

Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Will Nipper	PO Box 377 Campi, LA 714110377	will.nipper@weyerha	Radiation License Billing Party for
	Will Nipper	PO Box 377 Campi, LA 714110377	3184763392 (WP)	Radiation License Billing Party for
	Will Nipper	PO Box 377 Campi, LA 714110377	will.nipper@weyerha	Haz. Waste Billing Party for
	Will Nipper	PO Box 377 Campi, LA 714110377	3184763392 (WP)	Haz. Waste Billing Party for
	Will Nipper	PO Box 377 Campi, LA 714110377	3184763392 (WP)	Solid Waste Billing Party for
	Will Nipper	PO Box 377 Campi, LA 714110377	3184763545 (WF)	Radiation Safety Officer for
	Will Nipper	PO Box 377 Campi, LA 714110377	3184763392 (WP)	Solid Waste Billing Party for
	Will Nipper	PO Box 377 Campi, LA 714110377	will.nipper@weyerha	Radiation Safety Officer for
Related Organizations:	Name	Address	Phone (Type)	Relationship
	Weyerhaeuser Co	PO Box 377 Campi, LA 714110377	3184763392 (WP)	Owns
	Weyerhaeuser Co	PO Box 377 Campi, LA 714110377	3184763392 (WP)	Operates
	Weyerhaeuser Co	PO Box 377 Campi, LA 714110377	3184763392 (WP)	UST Billing Party for
	Weyerhaeuser Co	PO Box 377 Campi, LA 714110377	3184763392 (WP)	Air Billing Party for
SIC Codes:	2631, Paperboard mills			

**Note:** This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit.  
**Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to facupdate@la.gov.**

## INVENTORIES

**AI ID:** 2645 - Weyerhaeuser Co - Red River Mill  
**Activity Number:** PER19960001  
**Permit Number:** 1980-00004-V0  
**Air - Title V Regular Permit Initial**

### Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
ARE004	13 - Brownstock Washers - A & B Lines (Phase I)	567940 Air-dried tons pulp/yr	567940 Air-dried tons pulp/yr	1.06 MM tons/yr	Phase I: 653,918 AD TP; Phase II: 1.06 MM AD TP	8760 hr/yr (All Year)
ARE005	15 - Wastewater Treatment - Effluent System (All Phases)	1.06 MM tons/yr	1.06 MM tons/yr	1.06 MM tons/yr	Phase I: 653,918 AD TP; Phase II: 1.06 MM AD TP	8760 hr/yr (All Year)
ARE006	26 - Recycle Area (All Phases)	889829 Air-dried tons pulp/yr	889829 Air-dried tons pulp/yr	237000 vehicle miles traveled/yr	Phase I: 653,918 AD TP; Phase II: 1.06 MM AD TP	8760 hr/yr (All Year)
ARE007	27 - Plant Roadways (All Phases)	237000 vehicle miles traveled/yr	237000 vehicle miles traveled/yr	72000 lb/hr	Phase I: 653,918 AD TP; Phase II: 1.06 MM AD TP	8760 hr/yr (All Year)
EQT003	01 - Recovery Boiler No. 1 (Phase I)	72000 lb/hr	72000 lb/hr	72000 lb/hr	Phase I: 91,250 tons CaO/yr; Phase II: 91,250 tons CaO/yr	8760 hr/yr (All Year)
EQT004	02 - Small Dissolving Tank No. 1 (Phase I)	72000 lb/hr	72000 lb/hr	180 MM BTU/hr	Phase I: 91,250 tons CaO/yr; Phase II: 91,250 tons CaO/yr	8760 hr/yr (All Year)
EQT005	03 - Power Boiler (All Phases)	72000 lb/hr	72000 lb/hr	72000 lb/hr	Phase I: 91,250 tons CaO/yr; Phase II: 91,250 tons CaO/yr	8760 hr/yr (All Year)
EQT006	04 - Recovery Boiler No. 2 (Phase I)	72000 lb/hr	72000 lb/hr	180 MM BTU/hr	Phase I: 91,250 tons CaO/yr; Phase II: 91,250 tons CaO/yr	8760 hr/yr (All Year)
EQT007	05 - Small Dissolving Tank No. 2 (Phase I)	72000 lb/hr	72000 lb/hr	72000 lb/hr	Phase I: 91,250 tons CaO/yr; Phase II: 91,250 tons CaO/yr	8760 hr/yr (All Year)
EQT008	06 - Lime Kiln (Phase I); Backup Lime Kiln (Phase II)	91250 tons/yr	250 tons/day	940 MM BTU/hr	Phase I: 91,250 tons CaO/yr; Phase II: 91,250 tons CaO/yr	8760 hr/yr (All Year)
EQT009	07 - Hogged Fuel Boiler No. 1 (All Phases)	249 MM BTU/hr	249 MM BTU/hr	2446 batches/yr	Phase I: 1,427 batches/yr; Phase II: 2,446 batches per year	504 hr/yr (All Year)
EQT010	08 - Tall Oil Reactor (All Phases)	2446 batches/yr	2446 batches/yr	940 MM BTU/hr	Phase I: 91,250 tons CaO/yr; Phase II: 91,250 tons CaO/yr	8760 hr/yr (All Year)
EQT011	09 - Hogged Fuel Boiler No. 2 (All Phases)	940 MM BTU/hr	940 MM BTU/hr	1.39 MM tons/yr	Phase I: 91,250 tons CaO/yr; Phase II: 91,250 tons CaO/yr	8760 hr/yr (All Year)
EQT012	10 - Old Digester System (Phase I)	1.39 MM tons/yr	1.39 MM tons/yr	310000 tons/yr	Phase I: 686,565 tons chips/yr; Phase II: 310,000 tons chips/yr	8760 hr/yr (All Year)
EQT013	1018 - 50% Black Liquor Tank (All Phases)	310000 tons/yr	310000 tons/yr	310000 tons/yr	Phase I: 686,565 tons chips/yr; Phase II: 310,000 tons chips/yr	8760 hr/yr (All Year)
EQT014	11 - New Digester System (Phase I); Hardwood Digester System (Phase II)	310000 tons/yr	310000 tons/yr	310000 tons/yr	Phase I: 686,565 tons chips/yr; Phase II: 310,000 tons chips/yr	8760 hr/yr (All Year)
EQT015	1103 - Multi-purpose Tank (All Phases)				Phase I: 686,565 tons chips/yr; Phase II: 310,000 tons chips/yr	8760 hr/yr (All Year)
EQT017	1106 - Boilout Tank (All Phases)				Phase I: 686,565 tons chips/yr; Phase II: 310,000 tons chips/yr	8760 hr/yr (All Year)
EQT018	111 - Pine Refined Stock Tank (Phase I)				Phase I: 686,565 tons chips/yr; Phase II: 310,000 tons chips/yr	8760 hr/yr (All Year)
EQT019	1111 - Weak Liquor Storage Tank (All Phases)				Phase I: 686,565 tons chips/yr; Phase II: 310,000 tons chips/yr	8760 hr/yr (All Year)
EQT020	1112a - Strong Black Liquor Tank #1 (All Phases)				Phase I: 686,565 tons chips/yr; Phase II: 310,000 tons chips/yr	8760 hr/yr (All Year)
EQT021	1112b - Strong Black Liquor Tank #2 (All Phases)				Phase I: 686,565 tons chips/yr; Phase II: 310,000 tons chips/yr	8760 hr/yr (All Year)
EQT022	112 - #1 Pine Primary Screen Reject Tank (Phase I)				Phase I: 686,565 tons chips/yr; Phase II: 310,000 tons chips/yr	8760 hr/yr (All Year)
EQT023	113 - HDW Clean Filtrate Tank (All Phases)				Phase I: 686,565 tons chips/yr; Phase II: 310,000 tons chips/yr	8760 hr/yr (All Year)
EQT024	114 - HDW Dirty Filtrate Tank (All Phases)				Phase I: 686,565 tons chips/yr; Phase II: 310,000 tons chips/yr	8760 hr/yr (All Year)
EQT025	115 - HDW Screened Stock Tank (All Phases)				Phase I: 686,565 tons chips/yr; Phase II: 310,000 tons chips/yr	8760 hr/yr (All Year)
EQT026	116 - HDW Liquor Filter (All Phases)				Phase I: 686,565 tons chips/yr; Phase II: 310,000 tons chips/yr	8760 hr/yr (All Year)
EQT027	119 - Liquor Salvage Tank (All Phases)				Phase I: 686,565 tons chips/yr; Phase II: 310,000 tons chips/yr	8760 hr/yr (All Year)
EQT028	1210a - Green Liquor Clarifier Tanks (All Phases)				Phase I: 686,565 tons chips/yr; Phase II: 310,000 tons chips/yr	8760 hr/yr (All Year)
EQT029	1212a - Causticizing Tanks (All Phases)				Phase I: 686,565 tons chips/yr; Phase II: 310,000 tons chips/yr	8760 hr/yr (All Year)
EQT030	1213a - Causticizing Stand Pipes (All Phases)				Phase I: 686,565 tons chips/yr; Phase II: 310,000 tons chips/yr	8760 hr/yr (All Year)
EQT031	1214a - White Liquor Clarifier Tanks (All Phases)				Phase I: 686,565 tons chips/yr; Phase II: 310,000 tons chips/yr	8760 hr/yr (All Year)
EQT032	1215 - Dregs Washer (All Phases)				Phase I: 686,565 tons chips/yr; Phase II: 310,000 tons chips/yr	8760 hr/yr (All Year)

**INVENTORIES**

AI ID: 2645 - Weyerhaeuser Co - Red River Mill  
 Activity Number: PER19960001  
 Permit Number: 1980-00004-V0  
 Air - Title V Regular Permit Initial

**Subject Item Inventory**

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
EQT033	123a - A Line Filtrate Tank (Phase I)					8760 hr/yr (All Year)
EQT034	123b - A Line Filtrate Tank (Phase I)					8760 hr/yr (All Year)
EQT035	123c - A Line Filtrate Tank (Phase I)					8760 hr/yr (All Year)
EQT036	124a - B Line Filtrate Tank (Phase I)					8760 hr/yr (All Year)
EQT037	124b - B Line Filtrate Tank (Phase I)					8760 hr/yr (All Year)
EQT038	124c - B Line Filtrate Tank (Phase I)					8760 hr/yr (All Year)
EQT039	1253 - Neutralized Brine Storage Tank (All Phases)					8760 hr/yr (All Year)
EQT040	1256 - Brine Mix Tank (All Phases)					8760 hr/yr (All Year)
EQT041	130 - Primary Rejects Tank (All Phases)					8760 hr/yr (All Year)
EQT042	1301a - #1 Pine HD Storage Tank; 1301b - 2 Pine HD Storage Tank (All Phases)					8760 hr/yr (All Year)
EQT043	1301c - New Softwood HD Storage Tank (Phase II)					8760 hr/yr (All Year)
EQT044	1302 - HDW HD Storage Tank (All Phases)					8760 hr/yr (All Year)
EQT045	1310 - HDW Surge Tank (All Phases)					8760 hr/yr (All Year)
EQT046	16 - Gasoline Storage Tank (All Phases)	3000 gallons				8760 hr/yr (All Year)
EQT047	202 - Weak Liquor Storage Tank (Phase I)					8760 hr/yr (All Year)
EQT048	23 - Slaker System (Phase I)					8760 hr/yr (All Year)
EQT049	40 - Coke Storage Silo (All Phases)					8760 hr/yr (All Year)
EQT050	801a - Dyer Exhaust Hood 1 (All Phases)					8760 hr/yr (All Year)
EQT051	801b - Dyer Exhaust Hood 2 (All Phases)					8760 hr/yr (All Year)
EQT052	801c - Dyer Exhaust Hood 3 (All Phases)					8760 hr/yr (All Year)
EQT053	801d - Dyer Exhaust Hood 4 (All Phases)					8760 hr/yr (All Year)
EQT054	801e - Dyer Exhaust Hood 5 (All Phases)					8760 hr/yr (All Year)
EQT055	801f - Dyer Exhaust Hood 6 (All Phases)					8760 hr/yr (All Year)
EQT056	801g - Dyer Exhaust Hood 7 (All Phases)					8760 hr/yr (All Year)
EQT057	802a - Wet End Exhaust Fan 1 (All Phases)					8760 hr/yr (All Year)
EQT058	802b - Wet End Exhaust Fan 2 (All Phases)					8760 hr/yr (All Year)
EQT059	802c - Wet End Exhaust Fan 3 (All Phases)					8760 hr/yr (All Year)
EQT060	802d - Wet End Exhaust Fan 4 (All Phases)					8760 hr/yr (All Year)
EQT061	802e - Wet End Exhaust Fan 5 (All Phases)					8760 hr/yr (All Year)
EQT062	802f - Wet End Exhaust Fan 6 (All Phases)					8760 hr/yr (All Year)
EQT063	802g - Wet End Exhaust Fan 7 (All Phases)					8760 hr/yr (All Year)
EQT064	803 - Dry End Exhaust Fan (All Phases)					8760 hr/yr (All Year)
EQT065	805 - Pick-up Roll Vac. Pump Exhaust (All Phases)					8760 hr/yr (All Year)
EQT066	806 - Flat, 1st Press Suct. Couch Vac's (All Phases)					8760 hr/yr (All Year)
EQT067	807 - 1st Press Top Uhlle Box Vac. Exhaust (All Phases)					8760 hr/yr (All Year)

**INVENTORIES**

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**Subject Item Inventory**

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
EQ1068	808 - 2nd Press Top Uhlle Box Vac. Exhaust (All Phases)					8760 hr/yr (All Year)
EQ1069	809a - Isolflow Blower (All Phases)					8760 hr/yr (All Year)
EQ1070	809b - Slice Vac. Pump Vacufoil (All Phases)					8760 hr/yr (All Year)
EQ1071	809c - Vacfoil Blower (All Phases)					8760 hr/yr (All Year)
EQ1072	811 - Belbond Vac. Pump (All Phases)					8760 hr/yr (All Year)
EQ1073	816 - White Water Storage Tank (All Phases)					8760 hr/yr (All Year)
EQ1074	829 - Fordliner Exhaust Fan (All Phases)					8760 hr/yr (All Year)
EQ1075	831 - Flat Box #3 Vac. Pump (All Phases)					8760 hr/yr (All Year)
EQ1076	832 - Dry End Pulper (Phase 1)					8760 hr/yr (All Year)
EQ1077	835 - 1st and 2nd Bottom Uhlle Box Vac. (All Phases)					8760 hr/yr (All Year)
EQ1078	836 - Wire Pit Exhaust (All Phases)					8760 hr/yr (All Year)
EQ1079	909 - Mixed Sec. Fiber Surge Tank (All Phases)					8760 hr/yr (All Year)
EQ1080	910 - Long Sec. Fiber Surge Chest (All Phases)					8760 hr/yr (All Year)
EQ1081	911 - Top Machine Chest (All Phases)					8760 hr/yr (All Year)
EQ1082	912 - Filler Machine (All Phases)					8760 hr/yr (All Year)
EQ1083	913 - Bottom Machine Chest (All Phases)					8760 hr/yr (All Year)
EQ1084	914 - W.W. Chest #2 (All Phases)					8760 hr/yr (All Year)
EQ1085	915 - Brake Chest (All Phases)					8760 hr/yr (All Year)
EQ1086	916 - Sawmill (All Phases)					8760 hr/yr (All Year)
EQ1087	917 - Saveall White Water Chest (All Phases)					8760 hr/yr (All Year)
EQ1088	918 - Second Section Vacuum Roll Exhaust (All Phases)					8760 hr/yr (All Year)
EQ1089	919 - GH Forming Section Exhaust Fan (All Phases)					8760 hr/yr (All Year)
EQ1090	925a - Dyer Exhaust Hood 1 (All Phases)					8760 hr/yr (All Year)
EQ1091	925b - Dyer Exhaust Hood 2 (All Phases)					8760 hr/yr (All Year)
EQ1092	925c - Dyer Exhaust Hood 3 (All Phases)					8760 hr/yr (All Year)
EQ1093	925d - Dyer Exhaust Hood 4 (All Phases)					8760 hr/yr (All Year)
EQ1094	926 - Vac. Box Vac. Pump (All Phases)					8760 hr/yr (All Year)
EQ1095	927 - Forming Shoe Vac. Pump (All Phases)					8760 hr/yr (All Year)
EQ1096	932 - Dry End Pulper Exhaust (All Phases)					8760 hr/yr (All Year)
EQ1097	933a - Vac. Pump #1 (All Phases)					8760 hr/yr (All Year)
EQ1098	933b - Vac. Pump #2 (All Phases)					8760 hr/yr (All Year)
EQ1099	934a - Vac. Pump #3 (All Phases)					8760 hr/yr (All Year)
EQ1100	934b - Vac. Pump #4 (All Phases)					8760 hr/yr (All Year)
EQ1101	935a - Vac. Pump #5 (All Phases)					8760 hr/yr (All Year)
EQ1102	935b - Vac. Pump #6 (All Phases)					8760 hr/yr (All Year)
EQ1103	935c - Vac. Pump #7 (All Phases)					8760 hr/yr (All Year)
EQ1104	935d - Vac. Pump #8 (All Phases)					8760 hr/yr (All Year)

## INVENTORIES

**AI ID:** 2645 - Weyerhaeuser Co - Red River Mill  
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### Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
EQT105	936 - 1st Press Vac. Roll Exhaust (All Phases)					8760 hr/yr (All Year)
EQT106	937a - False Ceiling Fan 1 (All Phases)					8760 hr/yr (All Year)
EQT107	937b - False Ceiling Fan 2 (All Phases)					8760 hr/yr (All Year)
EQT108	937c - False Ceiling Fan 3 (All Phases)					8760 hr/yr (All Year)
EQT109	937d - False Ceiling Fan 4 (All Phases)					8760 hr/yr (All Year)
EQT110	939a - Roof Exhaust Fan 1 (All Phases)					8760 hr/yr (All Year)
EQT111	939b - Roof Exhaust Fan 2 (All Phases)					8760 hr/yr (All Year)
EQT112	939c - Roof Exhaust Fan 3 (All Phases)					8760 hr/yr (All Year)
EQT113	939d - Roof Exhaust Fan 4 (All Phases)					8760 hr/yr (All Year)
EQT114	940 - Top Slice Blower (All Phases)					8760 hr/yr (All Year)
EQT115	942 - SP Former (All Phases)					8760 hr/yr (All Year)
EQT116	943 - Wire Clean Box Vac. (All Phases)					8760 hr/yr (All Year)
EQT118	25 - Propane Storage Tanks (All Phases)					8760 hr/yr (All Year)
EQT120	41 - Recovery Boiler No. 3 & Smelt Tank No. 3 (Phase II)					8760 hr/yr (All Year)
EQT21	42 - Lime Kiln No. 2 (Phase II)					8760 hr/yr (All Year)
EQT22	43 - Slaker System (Phase II)					8760 hr/yr (All Year)
EQT23	46 - Softwood Pulping System (Phase II)					8760 hr/yr (All Year)
EQT25	1104 - Combined Condensate Tank (Phase II)					8760 hr/yr (All Year)
FUG001	44 - Chip Unloading (Phase II)					8760 hr/yr (All Year)
FUG002	45 - Chip Handling (Phase II)					8760 hr/yr (All Year)

### Subject Item Groups:

ID	Description	Included Components (from Above)
GRP003	12 - Unwashed Brownstock Handling System (All Phases)	EQT18 111 - Pine Refined Stock Tank (Phase I)
GRP003	12 - Unwashed Brownstock Handling System (All Phases)	EQT22 112 - #1 Pine Primary Screen Reject Tank (Phase I)
GRP003	12 - Unwashed Brownstock Handling System (All Phases)	EQT25 115 - HDW Screened Stock Tank (All Phases)
GRP003	12 - Unwashed Brownstock Handling System (All Phases)	EQT26 116 - HDW Liquor Filter (All Phases)
GRP003	12 - Unwashed Brownstock Handling System (All Phases)	EQT35 123C - A Line Filtrate Tank (Phase I)
GRP003	12 - Unwashed Brownstock Handling System (All Phases)	EQT36 124a - B Line Filtrate Tank (Phase I)
GRP003	12 - Unwashed Brownstock Handling System (All Phases)	EQT36 124b - A Line Filtrate Tank (Phase I)
GRP003	12 - Unwashed Brownstock Handling System (All Phases)	EQT34 123b - B Line Filtrate Tank (Phase I)
GRP003	12 - Unwashed Brownstock Handling System (All Phases)	EQT41 130 - Primary Rejects Tank (All Phases)
GRP003	12 - Unwashed Brownstock Handling System (All Phases)	EQT47 202 - Weak Liquor Storage Tank (Phase I)
GRP003	12 - Unwashed Brownstock Handling System (All Phases)	EQT38 124C - B Line Filtrate Tank (Phase I)
GRP003	12 - Unwashed Brownstock Handling System (All Phases)	EQT36 124a - B Line Filtrate Tank (Phase I)
GRP003	12 - Unwashed Brownstock Handling System (All Phases)	EQT34 123b - A Line Filtrate Tank (Phase I)
GRP003	12 - Unwashed Brownstock Handling System (All Phases)	EQT33 123a - A Line Filtrate Tank (Phase I)
GRP003	12 - Unwashed Brownstock Handling System (All Phases)	EQT27 119 - Liquor Salvage Tank (All Phases)

## INVENTORIES

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### Subject Item Groups:

ID	Description	Included Components (from Above)
GRP004	14 - Brownstock Washer - C Line (All Phases)	EQT23 113 - HDW Clean Filtrate Tank (All Phases)
GRP004	14 - Brownstock Washer - C Line (All Phases)	EQT24 114 - HDW Dirty Filtrate Tank (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT102 935b - Vac. Pump #6 (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT103 935c - Vac. Pump #7 (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT104 935d - Vac. Pump #8 (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT105 936 - 1st Press Vac. Roll Exhaust (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT106 937a - False Ceiling Fan 1 (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT107 937b - False Ceiling Fan 2 (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT108 937c - False Ceiling Fan 3 (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT109 937d - False Ceiling Fan 4 (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT110 939a - Roof Exhaust Fan 1 (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT58 802b - Wet End Exhaust Fan 2 (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT57 802a - Wet End Exhaust Fan 1 (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT56 801g - Dryer Exhaust Hood 7 (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT55 801f - Dryer Exhaust Hood 6 (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT54 801e - Dryer Exhaust Hood 5 (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT53 801d - Dryer Exhaust Hood 4 (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT52 801c - Dryer Exhaust Hood 3 (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT51 801b - Dryer Exhaust Hood 2 (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT50 801a - Dryer Exhaust Hood 1 (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT93 925d - Dryer Exhaust Hood 4 (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT92 925c - Dryer Exhaust Hood 3 (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT91 925b - Dryer Exhaust Hood 2 (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT90 925a - Dryer Exhaust Hood 1 (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT89 919 - GH Forming Section Exhaust Fan (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT88 918 - Second Section Vacuum Roll Exhaust (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT78 836 - Wire Pit Exhaust (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT77 835 - 1st and 2nd Bolton Urile Box Vac. (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT76 832 - Dry End Pulper (Phase I)
GRP005	17 - Paper Machines (All Phases)	EQT101 933a - Vac. Pump #5 (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT100 933b - Vac. Pump #4 (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT99 934a - Vac. Pump #3 (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT98 933b - Vac. Pump #2 (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT97 933a - Vac. Pump #1 (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT96 932 - Dry End Pulper Exhaust (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT95 927 - Forming Shoe Vac. Pump (All Phases)
GRP005	17 - Paper Machines (All Phases)	EQT94 926 - Vac. Box Vac. Pump (All Phases)

## INVENTORIES

AI ID: 2645 - Weyerhaeuser Co - Red River Mill  
 Activity Number: PER19960001  
 Permit Number: 1980-00004-V0  
 Air - Title V Regular Permit Initial

### Subject Item Groups:

ID	Description	Included Components (from Above)
GRF005 17 - Paper Machines (All Phases)		EQT75 831 - Flat Box #3 Vac. Pump (All Phases)
GRF005 17 - Paper Machines (All Phases)		EQT74 829 - Fordinier Exhaust Fan (All Phases)
GRF005 17 - Paper Machines (All Phases)		EQT72 811 - Belbond Vac. Pump (All Phases)
GRF005 17 - Paper Machines (All Phases)		EQT71 809c - Vacoil Blower (All Phases)
GRF005 17 - Paper Machines (All Phases)		EQT70 809b - Slice Vac. Pump Vacufil (All Phases)
GRF005 17 - Paper Machines (All Phases)		EQT69 809a - Isolow Blower (All Phases)
GRF005 17 - Paper Machines (All Phases)		EQT68 808 - 2nd Press Top Uhle Box Vac. Exhaust (All Phases)
GRF005 17 - Paper Machines (All Phases)		EQT67 807 - 1st Press Top Uhle Box Vac. Exhaust (All Phases)
GRF005 17 - Paper Machines (All Phases)		EQT66 806 - Flat, 1st Press Suct. Couch Vac. S (All Phases)
GRF005 17 - Paper Machines (All Phases)		EQT65 805 - Pick-up Roll Vac. Pump Exhaust (All Phases)
GRF005 17 - Paper Machines (All Phases)		EQT64 803 - Dry End Exhaust Fan (All Phases)
GRF005 17 - Paper Machines (All Phases)		EQT63 802g - Wet End Exhaust Fan 7 (All Phases)
GRF005 17 - Paper Machines (All Phases)		EQT62 802f - Wet End Exhaust Fan 6 (All Phases)
GRF005 17 - Paper Machines (All Phases)		EQT61 802e - Wet End Exhaust Fan 5 (All Phases)
GRF005 17 - Paper Machines (All Phases)		EQT60 802d - Wet End Exhaust Fan 4 (All Phases)
GRF005 17 - Paper Machines (All Phases)		EQT59 802c - Wet End Exhaust Fan 3 (All Phases)
GRF005 17 - Paper Machines (All Phases)		EQT111 939b - Roof Exhaust Fan 2 (All Phases)
GRF005 17 - Paper Machines (All Phases)		EQT112 939c - Roof Exhaust Fan 3 (All Phases)
GRF005 17 - Paper Machines (All Phases)		EQT113 939d - Roof Exhaust Fan 4 (All Phases)
GRF005 17 - Paper Machines (All Phases)		EQT114 940 - Top Slice Blower (All Phases)
GRF005 17 - Paper Machines (All Phases)		EQT115 942 - SP Former (All Phases)
GRF005 17 - Paper Machines (All Phases)		EQT116 943 - Wire Clean Box Vac. (All Phases)
GRF006 18 - Old Stock Prep Storage Tanks (Phase I), Pulp Storage Tanks (Phase II)		EQT42 1301a - #4 Pine HD Storage Tank, 1301b - 2 Pine HD Storage Tank (All Phases)
GRF006 18 - Old Stock Prep Storage Tanks (Phase I), Pulp Storage Tanks (Phase II)		EQT43 1301c - New Softwood HD Storage Tank (Phase II)
GRF006 18 - Old Stock Prep Storage Tanks (Phase I), Pulp Storage Tanks (Phase II)		EQT44 1302 - HDW HD Storage Tank (All Phases)
GRF007 19 - New Stock Prep Storage Tanks (All Phases)		EQT44 1302 - HDW HD Storage Tank (All Phases)
GRF007 19 - New Stock Prep Storage Tanks (All Phases)		EQT45 1310 - HDW Surge Tank (All Phases)
GRF007 19 - New Stock Prep Storage Tanks (All Phases)		EQT73 816 - White Water Storage Tank (All Phases)
GRF007 19 - New Stock Prep Storage Tanks (All Phases)		EQT79 909 - Mixed Sec. Fiber Surge Tank (All Phases)
GRF007 19 - New Stock Prep Storage Tanks (All Phases)		EQT80 910 - Long Sec. Fiber Surge Chest (All Phases)
GRF007 19 - New Stock Prep Storage Tanks (All Phases)		EQT81 911 - Top Machine Chest (All Phases)
GRF007 19 - New Stock Prep Storage Tanks (All Phases)		EQT82 912 - Filter Machine (All Phases)
GRF007 19 - New Stock Prep Storage Tanks (All Phases)		EQT83 913 - Bottom Machine Chest (All Phases)
GRF007 19 - New Stock Prep Storage Tanks (All Phases)		EQT84 914 - W/W. Chest #2 (All Phases)
GRF007 19 - New Stock Prep Storage Tanks (All Phases)		EQT85 915 - Brine Chest (All Phases)
GRF007 19 - New Stock Prep Storage Tanks (All Phases)		EQT86 916 - Saveall (All Phases)
GRF007 19 - New Stock Prep Storage Tanks (All Phases)		EQT87 917 - Saveall White Water Chest (All Phases)

**INVENTORIES**

**AI ID: 2645 - Weyerhaeuser Co - Red River Mill**  
**Activity Number: PER19960001**  
**Permit Number: 1980-00004-V0**  
**Air - Title V Regular Permit Initial**

**Subject Item Groups:**

ID	Description	Included Components (from Above)
GRP008	21 - Evaporator Area Storage Tanks (All Phases)	EQT13 1018 - 50% Black Liquor Tank (All Phases)
GRP008	21 - Evaporator Area Storage Tanks (All Phases)	EQT15 1103 - Multi-purpose Tank (All Phases)
GRP008	21 - Evaporator Area Storage Tanks (All Phases)	EQT17 1106 - Boilout Tank (All Phases)
GRP008	21 - Evaporator Area Storage Tanks (All Phases)	EQT19 1111 - Weak Liquor Storage Tank (All Phases)
GRP008	21 - Evaporator Area Storage Tanks (All Phases)	EQT20 1112a - Strong Black Liquor Tank #1 (All Phases)
GRP008	21 - Evaporator Area Storage Tanks (All Phases)	EQT21 1112b - Strong Black Liquor Tank #2 (All Phases)
GRP008	21 - Evaporator Area Storage Tanks (All Phases)	EQT25 1104 - Combined Condensate Tank (Phase I)
GRP009	22 - Causticizing Tanks (All Phases)	EQT28 1210a - Green Liquor Clarifier Tanks (All Phases)
GRP009	22 - Causticizing Tanks (All Phases)	EQT29 1212a - Causticizing Tanks (All Phases)
GRP009	22 - Causticizing Tanks (All Phases)	EQT30 1213a - Causticizing Stand Pipes (All Phases)
GRP009	22 - Causticizing Tanks (All Phases)	EQT31 1214a - White Liquor Clarifier Tanks (All Phases)
GRP009	22 - Causticizing Tanks (All Phases)	EQT32 1215 - Dregs Washer (All Phases)
GRF010	24 - Tall Oil Area Storage Tanks (All Phases)	EQT39 1253 - Neutralized Brine Storage Tank (All Phases)
GRF010	24 - Tall Oil Area Storage Tanks (All Phases)	EQT40 1256 - Brine Mix Tank (All Phases)
GRF011	Permitted Totals	ARE4 13 - Brownstock Washers - A & B Lines (Phase I)
GRF011	Permitted Totals	ARE5 15 - Wastewater Treatment - Effluent System (All Phases)
GRF011	Permitted Totals	ARE6 26 - Recycle Area (All Phases)
GRF011	Permitted Totals	ARE7 27 - Plant Roadways (All Phases)
GRF011	Permitted Totals	EQT3 01 - Recovery Boiler No. 1 (Phase I)
GRF011	Permitted Totals	EQT4 02 - Smelt Dissolving Tank No. 1 (Phase I)
GRF011	Permitted Totals	EQT5 03 - Power Boiler (All Phases)
GRF011	Permitted Totals	EQT6 04 - Recovery Boiler No. 2 (Phase I)
GRF011	Permitted Totals	EQT7 05 - Smelt Dissolving Tank No. 2 (Phase I)
GRF011	Permitted Totals	EQT8 06 - Lime Kiln (Phase II); Backup Lime Kiln (Phase II)
GRF011	Permitted Totals	EQT9 07 - Hogged Fuel Boiler No. 1 (All Phases)
GRF011	Permitted Totals	EQT10 08 - Tall Oil Reactor (All Phases)
GRF011	Permitted Totals	EQT11 09 - Hogged Fuel Boiler No. 2 (All Phases)
GRF011	Permitted Totals	EQT12 10 - Old Digester System (Phase I)
GRF011	Permitted Totals	EQT13 1018 - 50% Black Liquor Tank (All Phases)
GRF011	Permitted Totals	EQT14 11 - New Digester System (Phase II); Hardwood Digester System (Phase II)
GRF011	Permitted Totals	EQT15 1103 - Multi-purpose Tank (All Phases)
GRF011	Permitted Totals	EQT17 1106 - Boilout Tank (All Phases)
GRF011	Permitted Totals	EQT18 111 - Pine Refined Stock Tank (Phase I)
GRF011	Permitted Totals	EOT19 1111 - Weak Liquor Storage Tank (All Phases)
GRF011	Permitted Totals	EOT20 1112a - Strong Black Liquor Tank #1 (All Phases)
GRF011	Permitted Totals	EOT64 803 - Dry End Exhaust Fan (All Phases)
GRF011	Permitted Totals	EQT21 1112b - Strong Black Liquor Tank #2 (All Phases)

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## INVENTORIES

AI ID: 2645 - Weyerhaeuser Co - Red River Mill  
 Activity Number: PER19960001  
 Permit Number: 1980-00004-V0  
 Air - Title V Regular Permit Initial

### Subject Item Groups:

ID	Description	Included Components (from Above)
GRF011 Permitted Totals		EQT22 112 - #1 Pine Primary Screen Reject Tank (Phase I)
GRF011 Permitted Totals		EQT23 113 - HDW Clean Filtrate Tank (All Phases)
GRF011 Permitted Totals		EQT24 114 - HDW Dirty Filtrate Tank (All Phases)
GRF011 Permitted Totals		EQT25 115 - HDW Screened Stock Tank (All Phases)
GRF011 Permitted Totals		EQT26 116 - HDW Liquor Filter (All Phases)
GRF011 Permitted Totals		EQT27 119 - Liquor Salvage Tank (All Phases)
GRF011 Permitted Totals		EQT28 1210a - Green Liquor Clarifier Tanks (All Phases)
GRF011 Permitted Totals		EQT73 816 - White Water Storage Tank (All Phases)
GRF011 Permitted Totals		EQT72 811 - Belbond Vac. Pump (All Phases)
GRF011 Permitted Totals		EQT71 809c - Vacfoil Blower (All Phases)
GRF011 Permitted Totals		EQT70 809b - Slice Vac. Pump Vacuum (All Phases)
GRF011 Permitted Totals		EQT69 809a - Isoflow Blower (All Phases)
GRF011 Permitted Totals		EQT68 808 - 2nd Press Top Uhl Box Vac. Exhaust (All Phases)
GRF011 Permitted Totals		EQT67 807 - 1st Press Top Uhl Box Vac. Exhaust (All Phases)
GRF011 Permitted Totals		EQT66 806 - Flat 1st Press Suct, Couch Vac. s (All Phases)
GRF011 Permitted Totals		EQT65 805 - Pick-up Roll Vac. Pump Exhaust (All Phases)
GRF011 Permitted Totals		EQT90 925a - Dyer Exhaust Hood 1 (All Phases)
GRF011 Permitted Totals		EQT89 919 - GH Forming Section Exhaust Fan (All Phases)
GRF011 Permitted Totals		EQT88 918 - Second Section Vacuum Roll Exhaust (All Phases)
GRF011 Permitted Totals		EQT87 917 - Saveall White Water Chest (All Phases)
GRF011 Permitted Totals		EQT86 916 - Saveall (All Phases)
GRF011 Permitted Totals		EOT85 915 - Brike Chest (All Phases)
GRF011 Permitted Totals		EOT84 914 - W.W. Chest #2 (All Phases)
GRF011 Permitted Totals		EOT83 913 - Bottom Machine Chest (All Phases)
GRF011 Permitted Totals		EOT82 912 - Filler Machine (All Phases)
GRF011 Permitted Totals		EQT107 937b - False Ceiling Fan 2 (All Phases)
GRF011 Permitted Totals		EQT106 937a - False Ceiling Fan 1 (All Phases)
GRF011 Permitted Totals		EQT105 936 - 1st Press Vac. Roll Exhaust (All Phases)
GRF011 Permitted Totals		EQT104 935d Vac. Pump #8 (All Phases)
GRF011 Permitted Totals		EQT103 935c - Vac. Pump #7 (All Phases)
GRF011 Permitted Totals		EQT102 935b - Vac. Pump #6 (All Phases)
GRF011 Permitted Totals		EQT101 935a - Vac. Pump #5 (All Phases)
GRF011 Permitted Totals		EQT100 934b - Vac. Pump #4 (All Phases)
GRF011 Permitted Totals		EQT99 934a - Vac. Pump #3 (All Phases)
GRF011 Permitted Totals		FUG2 45 - Chip Handling (Phase II)
GRF011 Permitted Totals		FUG1 44 - Chip Unloading (Phase II)
GRF011 Permitted Totals		EQT125 1104 - Combined Condensate Tank (Phase II)

## INVENTORIES

AI ID: 2645 - Weyerhaeuser Co - Red River Mill  
 Activity Number: PER19960001  
 Permit Number: 1980-00004-V0  
 Air - Title V Regular Permit Initial

### Subject Item Groups:

ID	Description	Included Components (from Above)
GRP011	Permitted Totals	EQT123 46 - Softwood Pulping System (Phase II)
GRP011	Permitted Totals	EQT122 43 - Slaker System (Phase II)
GRP011	Permitted Totals	EQT121 42 - Lime Kiln No. 2 (Phase II)
GRP011	Permitted Totals	EQT120 41 - Recovery Boiler No. 3 & Smelt Tank No. 3 (Phase II)
GRP011	Permitted Totals	EQT118 25 - Propane Storage Tanks (All Phases)
GRP011	Permitted Totals	EQT116 943 - Wire Clean Box Vac. (All Phases)
GRP011	Permitted Totals	GRP10 24 - Tail Oil Area Storage Tanks (All Phases)
GRP011	Permitted Totals	GRP9 22 - Causticizing Tanks (All Phases)
GRP011	Permitted Totals	GRP8 21 - Evaporator Area Storage Tanks (All Phases)
GRP011	Permitted Totals	GRP7 19 - New Stock Prep Storage Tanks (All Phases)
GRP011	Permitted Totals	GRP6 18 - Old Stock Prep Storage Tanks (Phase II), Pulp Storage Tanks (Phase II)
GRP011	Permitted Totals	GRP5 17 - Paper Machines (All Phases)
GRP011	Permitted Totals	GRP4 14 - Brownstock Washer - C Line (All Phases)
GRP011	Permitted Totals	GRP3 12 - Unwashed Brownstock Handling System (All Phases)
GRP011	Permitted Totals	EQT115 942 - SP Former (All Phases)
GRP011	Permitted Totals	EQT114 940 - Top Slice Blower (All Phases)
GRP011	Permitted Totals	EQT113 939d - Roof Exhaust Fan 4 (All Phases)
GRP011	Permitted Totals	EQT112 939c - Roof Exhaust Fan 3 (All Phases)
GRP011	Permitted Totals	EQT111 939b - Roof Exhaust Fan 2 (All Phases)
GRP011	Permitted Totals	EQT110 939a - Roof Exhaust Fan 1 (All Phases)
GRP011	Permitted Totals	EQT109 937d - False Ceiling Fan 4 (All Phases)
GRP011	Permitted Totals	EQT108 937c - False Ceiling Fan 3 (All Phases)
GRP011	Permitted Totals	EQT98 933b - Vac. Pump #2 (All Phases)
GRP011	Permitted Totals	EQT97 933a - Vac. Pump #1 (All Phases)
GRP011	Permitted Totals	EQT96 932 - Dry End Pulper Exhaust (All Phases)
GRP011	Permitted Totals	EQT95 927 - Forming Shoe Vac. Pump (All Phases)
GRP011	Permitted Totals	EQT94 926 - Vac. Box Vac. Pump (All Phases)
GRP011	Permitted Totals	EQT93 925d - Dryer Exhaust Hood 4 (All Phases)
GRP011	Permitted Totals	EQT92 925c - Dryer Exhaust Hood 3 (All Phases)
GRP011	Permitted Totals	EQT91 925b - Dryer Exhaust Hood 2 (All Phases)
GRP011	Permitted Totals	EQT81 911 - Top Machine Chest (All Phases)
GRP011	Permitted Totals	EQT80 910 - Long Sec. Fiber Surge Chest (All Phases)
GRP011	Permitted Totals	EQT79 909 - Mixed Sec. Fiber Surge Tank (All Phases)
GRP011	Permitted Totals	EQT78 836 - Wire Pit Exhaust (All Phases)
GRP011	Permitted Totals	EQT77 835 - 1st and 2nd Bottom Uriel Box Vac. (All Phases)
GRP011	Permitted Totals	EQT76 832 - Dry End Pulper (Phase I)
GRP011	Permitted Totals	EQT75 831 - Flat Box #3 Vac. Pump (All Phases)

## INVENTORIES

AI ID: 2645 - Weyerhaeuser Co - Red River Mill  
 Activity Number: PER19960001  
 Permit Number: 1980-00004-V0  
 Air - Title V Regular Permit Initial

### Subject Item Groups:

ID	Description	Included Components (from Above)
GRP011 Permitted Totals		EQT29 1212a - Causticizing Tanks (All Phases)
GRP011 Permitted Totals		EQT30 1213a - Causticizing Stand Pipes (All Phases)
GRP011 Permitted Totals		EQT31 1214a - White Liquor Clarifier Tanks (All Phases)
GRP011 Permitted Totals		EQT32 1215 - Dregs Washer (All Phases)
GRP011 Permitted Totals		EQT33 123a - A Line Filtrate Tank (Phase I)
GRP011 Permitted Totals		EQT34 123b - A Line Filtrate Tank (Phase I)
GRP011 Permitted Totals		EQT35 123c - A Line Filtrate Tank (Phase I)
GRP011 Permitted Totals		EQT36 124a - B Line Filtrate Tank (Phase I)
GRP011 Permitted Totals		EQT37 124b - B Line Filtrate Tank (Phase I)
GRP011 Permitted Totals		EQT38 124c - B Line Filtrate Tank (Phase I)
GRP011 Permitted Totals		EQT39 1253 - Neutralized Brine Storage Tank (All Phases)
GRP011 Permitted Totals		EQT40 1256 - Brine Mix Tank (All Phases)
GRP011 Permitted Totals		EQT41 130 - Primary Rejects Tank (All Phases)
GRP011 Permitted Totals		EQT42 1301a - #1 Pine HD Storage Tank; 1301b - 2 Pine HD Storage Tank (All Phases)
GRP011 Permitted Totals		EQT43 1301c - New Softwood HD Storage Tank (Phase II)
GRP011 Permitted Totals		EQT44 1302 - HDW HD Storage Tank (All Phases)
GRP011 Permitted Totals		EQT45 1310 - HDW Surge Tank (All Phases)
GRP011 Permitted Totals		EQT46 16 - Gasoline Storage Tank (All Phases)
GRP011 Permitted Totals		EQT47 202 - Weak Liquor Storage Tank (Phase I)
GRP011 Permitted Totals		EQT48 23 - Slaker System (Phase I)
GRP011 Permitted Totals		EQT49 40 - Coke Storage Silo (All Phases)
GRP011 Permitted Totals		EQT50 801a - Dryer Exhaust Hood 1 (All Phases)
GRP011 Permitted Totals		EQT51 801b - Dryer Exhaust Hood 2 (All Phases)
GRP011 Permitted Totals		EQT52 801c - Dryer Exhaust Hood 3 (All Phases)
GRP011 Permitted Totals		EQT53 801d - Dryer Exhaust Hood 4 (All Phases)
GRP011 Permitted Totals		EQT54 801e - Dryer Exhaust Hood 5 (All Phases)
GRP011 Permitted Totals		EQT55 801f - Dryer Exhaust Hood 6 (All Phases)
GRP011 Permitted Totals		EQT56 801g - Dryer Exhaust Hood 7 (All Phases)
GRP011 Permitted Totals		EQT57 802a - Wet End Exhaust Fan 1 (All Phases)
GRP011 Permitted Totals		EQT58 802b - Wet End Exhaust Fan 2 (All Phases)
GRP011 Permitted Totals		EQT59 802c - Wet End Exhaust Fan 3 (All Phases)
GRP011 Permitted Totals		EQT60 802d - Wet End Exhaust Fan 4 (All Phases)
GRP011 Permitted Totals		EQT61 802e - Wet End Exhaust Fan 5 (All Phases)
GRP011 Permitted Totals		EQT62 802f - Wet End Exhaust Fan 6 (All Phases)
GRP011 Permitted Totals		EQT63 802g - Wet End Exhaust Fan 7 (All Phases)
GRP012 LK-Cap Lime Kiln Usage (Phase I)		EQT8 06 - Lime Kiln (Phase I); Backup Lime Kiln (Phase II)
GRP012 LK-Cap Lime Kiln Usage (Phase II)		

## INVENTORIES

AI ID: 2645 - Weyerhaeuser Co - Red River Mill  
 Activity Number: PER19960001  
 Permit Number: 1980-00004-V0  
 Air - Title V Regular Permit Initial

**Subject Item Groups:**

ID	Description
GRP012	LK-Cap Lime Kiln Usage (Phase II)

**Relationships:**

Stack Information:		Included Components (from Above)					
ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
ARE004	13 - Brownstock Washers - A & B Lines (Phase I)					10	
ARE006	26 - Recycle Area (All Phases)					200	359
EQT003	01 - Recovery Boiler No. 1 (Phase I)	.54	367000	12		150	176
EQT004	02 - Smelt Dissolving Tank No. 1 (Phase I)	.41	17400	3		158	180
EQT005	03 - Power Boiler (All Phases)	.23	10222	3		200	359
EQT006	04 - Recovery Boiler No. 2 (Phase I)	.54	367000	12		156	176
EQT007	05 - Smelt Dissolving Tank No. 2 (Phase I)	.36	15300	3		80	163
EQT008	06 - Lime Kiln (Phase I); Backup Lime Kiln (Phase II)	.27	32000	5		127	151
EQT009	07 - Hogged Fuel Boiler No. 1 (All Phases)	.34	58664	6		51	205
EQT010	08 - Tall Oil Reactor (All Phases)	.18	3563	2		200	325
EQT011	09 - Hogged Fuel Boiler No. 2 (All Phases)	.48	366763	12.5		60	77
EQT012	10 - Old Digester System (Phase I)	.03	.21	1.2		41	126
EQT013	1018 - 50% Black Liquor Tank (All Phases)	.03	6.5	2		61	77
EQT014	11 - New Digester System (Phase I); Hardwood Digestor System (Phase II)	.03	2.2	1.2		41	119
EQT015	1103 - Multi-purpose Tank (All Phases)	.03	1.1	8		30	127
EQT017	1106 - Bonout Tank (All Phases)	.03	1.6	.1		24	142
EQT018	111 - Pine Refined Stock Tank (Phase I)	.03	1.5	1		40	100
EQT019	1111 - Weak Liquor Storage Tank (All Phases)	.03	4.3	1.7		24	153
EQT020	1112a - Strong Black Liquor Tank #1 (All Phases)	.03	.2	.3		24	153
EQT021	1112b - Strong Black Liquor Tank #2 (All Phases)	.03	.2	.3		15	138
EQT022	112 - #1 Pine Primary Screen Reject Tank (Phase I)	.03	303	14		30	141
EQT023	113 - HDW Clean Filtrate Tank (All Phases)	.03	.69	.7		15	152
EQT024	114 - HDW Dirty Filtrate Tank (All Phases)	.03	.17	.3		25	180
EQT025	115 - HDW Screened Stock Tank (All Phases)	.03	2.88	1.35		30	175
EQT026	116 - HDW Liquor Filter (All Phases)	.03	1.62	1		18	114
EQT027	119 - Liquor Salvage Tank (All Phases)	.03	.4	.5		32	180
EQT028	120a - Green Liquor Clarifier Tanks (All Phases)	.03	1.6	1		12	194
EQT029	1212a - Causticizing Tanks (All Phases)	.03	1.6	1		12	190
EQT030	1213a - Causticizing Stand Pipes (All Phases)	.03	1.6	1		33	162
EQT031	1214a - White Liquor Clarifier Tanks (All Phases)	.03	1.6	1		12	118
EQT032	1215 - Dredge Washer (All Phases)	.03	14.6	3.1		32	174
EQT033	123a - A Line Filtrate Tank (Phase I)	.03	2.7	1.3		32	133
EQT034	123b - A Line Filtrate Tank (Phase I)	.03	2.7	1.3		32	133
EQT035	123c - A Line Filtrate Tank (Phase I)	.03	2.7	1.3		30	180
EQT036	123a - B Line Filtrate Tank (Phase I)	.03	2.7	1.3			

## INVENTORIES

AI ID: 2645 - Weyerhaeuser Co - Red River Mill  
 Activity Number: PER19960001  
 Permit Number: 1980-00004-V0  
 Air - Title V Regular Permit Initial

### Stack Information:

ID	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
EQ037 124b - B Line Filtrate Tank (Phase I)	.03	2.7	1.3		30	153
EQ038 124c - B Line Filtrate Tank (Phase I)	.03	2.7	1.3		30	138
EQ039 1253 - Neutralized Brine Storage Tank (All Phases)	.03	.3	.4		26	200
EQ040 1256 - Brine Mix Tank (All Phases)	.03	.3	.4		19	190
EQ041 130 - Primary Rejects Tank (All Phases)	.03	.7	.7		10	185
EQ042 1301-a - #1 Pine HD Storage Tank; 1301-b - 2 Pine HD Storage Tank (All Phases)	.03	6.2	2		46	130
EQ043 1301c - New Softwood HD Storage Tank (Phase II)	.03	1.1	.8		86	134
EQ044 1302 - HDW HD Storage Tank (All Phases)	.03	1.1	.8		86	134
EQ045 1310 - HDW Surge Tank (All Phases)	.03	1.5	1		24	118
EQ047 202 - Weak Liquor Storage Tank (Phase I)	.03	1.5	1		50	90
EQ048 23 - Slaker System (Phase I)	2	377	2		5	195
EQ049 40 - Coke Storage Silo (All Phases)					60	
EQ050 801a - Dryer Exhaust Hood 1 (All Phases)	60.36	73353	5		62	
EQ051 801b - Dryer Exhaust Hood 2 (All Phases)	60.36	73353	5		62	
EQ052 801c - Dryer Exhaust Hood 3 (All Phases)	60.36	73353	5		62	
EQ053 801d - Dryer Exhaust Hood 4 (All Phases)	60.36	73353	5		62	
EQ054 801e - Dryer Exhaust Hood 5 (All Phases)	60.36	73353	5		62	
EQ055 801f - Dryer Exhaust Hood 6 (All Phases)	60.36	73353	5		62	
EQ056 801g - Dryer Exhaust Hood 7 (All Phases)	60.36	73353	5		62	
EQ057 802a - Wet End Exhaust Fan 1 (All Phases)	44	53845	5		26	
EQ058 802b - Wet End Exhaust Fan 2 (All Phases)	44	53845	5		30	
EQ059 802c - Wet End Exhaust Fan 3 (All Phases)	44	53845	5		51	
EQ060 802d - Wet End Exhaust Fan 4 (All Phases)	44	53845	5		51	
EQ061 802e - Wet End Exhaust Fan 5 (All Phases)	44	53845	5		41	
EQ062 802f - Wet End Exhaust Fan 6 (All Phases)	44	53845	5		41	
EQ063 802g - Wet End Exhaust Fan 7 (All Phases)	44	53845	5		25	
EQ064 803 - Dry End Exhaust Fan (All Phases)	44	53845	5		41	
EQ065 805 - Pick-up Roll Vac. Pump Exhaust (All Phases)	280	13623	1		17	127
EQ066 806 - Flat 1st Press Suct, Couch Vac.s (All Phases)	100	43393	3		61	133
EQ067 807 - 1st Press Top Uhle Box Vac. Exhaust (All Phases)	59	1998	.85		12	
EQ068 808 - 2nd Press Top Uhle Box Vac. Exhaust (All Phases)	39	1913			24	
EQ069 809a - Isolflow Blower (All Phases)					30	
EQ070 809b - Slice Vac. Pump Vacufill (All Phases)	75	2934	.7		51	
EQ071 809c - Vacufill Blower (All Phases)	44	2934	1.2		35	
EQ072 811 - Belbond Vac. Pump (All Phases)	51	2495	1		15	
EQ073 816 - White Water Storage Tank (All Phases)	.03	.7	.7		43	
EQ074 829 - Fordminier Exhaust Fan (All Phases)	58	70720	.51		51	
EQ075 831 - Flat Box 43 Vac. Pump (All Phases)	70	3406	1		15	
EQ076 832 - Dry End Pulper (Phase I)	9	6761	4		50	
EQ077 835 - 1st and 2nd Bottom Uhle Box Vac. (All Phases)		1876	1		8	
EQ078 836 - Wire Pit Exhaust (All Phases)	35.6	50398	5.5		51	135

## INVENTORIES

**AI ID:** 2645 - Weyerhaeuser Co - Red River Mill  
**Activity Number:** PER19960001  
**Permit Number:** 1980-00004-V0  
**Air - Title V Regular Permit Initial**

<u>Stack Information:</u>	<u>ID</u>	<u>Velocity (ft/sec)</u>	<u>Flow Rate (cubic ft/min-actual)</u>	<u>Diameter (feet)</u>	<u>Discharge Area (square feet)</u>	<u>Height (feet)</u>	<u>Temperature (°F)</u>
EQT079	909 - Mixed Sec. Fiber Surge Tank (All Phases)	.03	1.1	.8		35	135
EQT080	910 - Long Sec. Fiber Surge Chest (All Phases)	.03	.7	.7		25	135
EQT081	911 - Top Machine Chest (All Phases)	.03	.4	.5		20	135
EQT082	912 - Filter Machine (All Phases)	.03	1.1	.8		26	135
EQT083	913 - Bottom Machine Chest (All Phases)	.03	.4	.5		20	135
EQT084	914 - W.W. Chest #2 (All Phases)	.03	2.1	1.2		42	135
EQT085	915 - Brake Chest (All Phases)	.03	1.5	1		60	135
EQT086	916 - Saveall (All Phases)	.03	347.9	15		60	135
EQT087	917 - Saveall White Water Chest (All Phases)	.03	13.9	3		21	135
EQT088	918 - Second Section Vacuum Roll Exhaust (All Phases)	104.9	48896	3		36	94
EQT089	919 - GH Forming Section Exhaust Fan (All Phases)	.39	47673	5		36	94
EQT090	925a - Dryer Exhaust Hood 1 (All Phases)	45.7	55535	5		36	108
EQT091	925b - Dryer Exhaust Hood 2 (All Phases)	59.9	72798	5		36	108
EQT092	925c - Dryer Exhaust Hood 3 (All Phases)	59.9	72798	5		36	108
EQT093	925d - Dryer Exhaust Hood 4 (All Phases)	59.9	72798	5		36	108
EQT094	926 - Vac. Box Vac. Pump (All Phases)	71.4	2410	9		46	143
EQT095	927 - Forming Shoe Vac. Pump (All Phases)	74.4	3615	1		46	123
EQT096	932 - Dry End Pulper Exhaust (All Phases)	431	20958	1		15	101
EQT097	933a - Vac. Pump #1 (All Phases)	34	1159	9		15	125
EQT098	933b - Vac. Pump #2 (All Phases)	34	1669	1		15	125
EQT099	934a - Vac. Pump #3 (All Phases)	34	1669	1		15	125
EQT100	934b - Vac. Pump #4 (All Phases)	34	1669	1		15	130
EQT101	935a - Vac. Pump #5 (All Phases)	34	1669	1		15	125
EQT102	935b - Vac. Pump #6 (All Phases)	34	1669	1		15	125
EQT103	935c - Vac. Pump #7 (All Phases)	34	1669	1		15	125
EQT104	935d - Vac. Pump #8 (All Phases)	34	1669	1		15	125
EQT105	936 - 1st Press Vac. Roll Exhaust (All Phases)	51.6	40151	4.1		9	150
EQT106	937a - False Ceiling Fan 1 (All Phases)	42.7	51894	5		51	110
EQT107	937b - False Ceiling Fan 2 (All Phases)	42.7	51894	5		51	110
EQT108	937c - False Ceiling Fan 3 (All Phases)	42.7	51894	5		51	110
EQT109	937d - False Ceiling Fan 4 (All Phases)	42.7	51894	5		51	110
EQT110	939a - Roof Exhaust Fan 1 (All Phases)	42.7	51894	5		51	111
EQT111	939b - Roof Exhaust Fan 2 (All Phases)	42.7	51894	5		51	111
EQT112	939c - Roof Exhaust Fan 3 (All Phases)	42.7	51894	5		51	111
EQT113	939d - Roof Exhaust Fan 4 (All Phases)	42.7	51894	5		51	111
EQT114	940 - Tap Slice Blower (All Phases)	64.4	4261	1.2		46	120
EQT115	942 - SP Former (All Phases)	74.4	3615	1		46	120
EQT116	943 - Wire Clean Box Vac. (All Phases)	74.4	3615	1		46	365
EQT120	41 - Recovery Boiler No. 3 & Smelt Tank No. 3 (Phase II)	77.4	525076	12		300	170
EQT121	42 - Lime Kiln No. 2 (Phase II)	51.1	61000	5		230	195
EQT122	43 - Slaker System (Phase II)	72.15	3400	1		65	113
EQT125	1104 - Combined Condensate Tank (Phase II)	.03	1.1	.8		20	

## INVENTORIES

AI ID: 2645 - Weyerhaeuser Co - Red River Mill  
Activity Number: PER19960001  
Permit Number: 1980-00004-V0  
Air - Title V Regular Permit Initial

### Fee Information:

Subj Item Id	GRP011
Multplier	2600

Fee Desc	Units Of Measure
0350 - Paperboard Mill (Rated Capacity)	Ton/Day

Fee Desc	Fee Desc
0350 - Paperboard Mill (Rated Capacity)	0350 - Paperboard Mill (Rated Capacity)

## EMISSION RATES FOR CRITERIA POLLUTANTS

Al: 2645 - Weverhaeuser Co - Red River Mill

Activity Number: PEB19960001

Activity Number: 11-2011-333333  
Report Number: 1080-00004-V0

Permit Number: 1980-00004-VU  
Air - Title V Regular Permit Initial

Phase I												Phase II											
Subject Item	PM <sub>10</sub>			SO <sub>2</sub>			NO <sub>x</sub>			CO			VOC			Ann TPY							
	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY								
ARE 004 - 13																35.72	35.72	156.44					
ARE 005 - 15																6.41	6.41	28.08					
ARE 006 - 26																0.12	0.12	0.54					
ARE 007 - 27	5.36	5.36	23.47																				
EQT 003 - 01	18.72	18.72	81.99	4.32	4.32	18.92	43.20	43.20	189.22	100.80	100.80	441.50	7.25	7.25	31.76								
EQT 004 - 02	7.20	7.20	31.54	0.58	0.58	2.52										9.52	9.52	41.68					
EQT 005 - 03	1.38	6.03	0.11	0.11	0.48	50.68	50.68	221.98	15.20	15.20	66.59	1.03	1.03	4.50									
EQT 006 - 04	18.72	18.72	81.99	4.32	4.32	18.92	43.20	43.20	189.22	100.80	100.80	441.50	7.25	7.25	31.76								
EQT 007 - 05	7.20	7.20	31.54	0.58	0.58	2.52										9.52	9.52	41.68					
EQT 008 - 06	9.47	9.47	41.47	0.49	0.49	2.14	10.83	10.83	47.45	0.16	0.16	0.68	1.03	1.03	4.51								
EQT 009 - 07	23.73	23.73	5.98	2.02	2.02	0.51	164.88	164.88	41.50	120.71	120.71	30.42	23.29	23.29	5.87								
EQT 010 - 08																0.95	0.95	4.18					
EQT 011 - 09	37.60	37.60	164.69	14.10	14.10	61.76	282.00	282.00	1235.16	282.00	282.00	1235.16	96.13	96.13	421.03								
EQT 012 - 10																5.39	5.39	23.62					
EQT 014 - 11																2.66	2.66	11.64					
EQT 046 - 16																0.01	0.01	0.03					
EQT 048 - 23	2.50	2.50	10.95													1.85	1.85	8.12					
EQT 049 - 40	0.03	0.03	0.12													0.88	0.88	29.97					
GRP 003 - 12																6.84	6.84						
GRP 004 - 14																0.88	0.88	3.87					

**EMISSION RATES FOR CRITERIA POLLUTANTS**

AI: 2645 - Weyerhaeuser Co - Red River Mill

Activity Number: PER19960001

Permit Number: 1980-00004-V0

Air - Title V Regular Permit Initial

**Phase I**

Subject Item	PM <sub>10</sub>			SO <sub>2</sub>			NO <sub>x</sub>			CO			VOC			
	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	
GRP 005 - 17															38.40	38.40
GRP 006 - 18															17.31	17.31
GRP 007 - 19															0.33	0.33
GRP 008 - 21															20.19	20.19
GRP 009 - 22															5.10	5.10
GRP 010 - 24															0.03	0.03
															0.15	

**Phase I Permit Totals:**

PM<sub>10</sub>: 479.77 tons per year  
 SO<sub>2</sub>: 107.77 tons per year  
 NO<sub>x</sub>: 1924.53 tons per year  
 CO: 2215.85 tons per year  
 VOC: 1205.68 tons per year

## EMISSION RATES FOR TAP/HAP POLLUTANTS

Al: 2645 - Weyerhaeuser Co - Red River Mill

Permit Number: 1980-00004-V0

## Air - Title V Regular Permit Initial

Phase I

**EMISSION RATES FOR TAP/HAP POLLUTANTS**

AI: 2645 - Weyerhaeuser Co - Red River Mill

Permit Number: 1980-00004-V0

Air - Title V Regular Permit Initial

**Phase I**

Subject Item	1,1,1-Trichloroethane			1,1,2-Trichlorethane			1,2,4-Trichlorobenzene			1,2-Dichlorethane			Acetaldehyde		
	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY
GRP 003 - 12	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.002	0.002	0.010	0.06	0.06	0.26
GRP 004 - 14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.002	0.01	0.01	0.04
GRP 005 - 17				0.04	0.04	0.18	0.18	0.18	0.80					1.76	1.76
GRP 006 - 18	0.01	0.01	0.03	0.01	0.01	0.03	0.09	0.09	0.41	0.006	0.006	0.028	0.29	0.29	1.26
GRP 007 - 19	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.06	0.001	0.001	0.004	0.04	0.04	0.18
GRP 008 - 21	0.01	0.01	0.02	0.00	0.00	0.02	0.00	0.00	0.01	0.005	0.005	0.022	0.35	0.35	1.55
GRP 009 - 22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.001	0.001	0.002	0.02	0.02	0.11	
GRP 010 - 24												0.00	0.00	0.00	

## EMISSION RATES FOR TAP/HAP POLLUTANTS

Al: 2645 - Weyerhaeuser Co - Red River Mill

Permit Number: 1980-00004-V0

## Air - Title V Regular Permit Initial

Phase I

### EMISSION RATES FOR TAP/HAP POLLUTANTS

AI: 2645 - Weyerhaeuser Co - Red River Mill

Permit Number: 1980-088804-Y0

## Air - Title V Regular Permit Initial

Phase I

## EMISSION RATES FOR TAP/HAP POLLUTANTS

Al: 2645 - Weyerhaeuser Co - Red River Mill

Permit Number: 1980-00004-V0

Air - Title V Regular Permit Initial

Phase I

## EMISSION RATES FOR TAP/HAP POLLUTANTS

**A1: 2645 - Weyerhaeuser Co - Red River Mill**

All: ETC-1980-Ar-V0

Felinit Nullbel: 1990-00004-4  
Air - Title V Regular Permit Initial

Phase I

## EMISSION RATES FOR TAP/HAP POLLUTANTS

Al: 2645 - Weyerhaeuser Co - Red River Mill

Permit Number: 1980-000004-V0

## Air - Title V Regular Permit Initia

Phase I

**EMISSION RATES FOR TAP/HAP POLLUTANTS**

AI: 2645 - Weyerhaeuser Co - Red River Mill

Permit Number: 1980-00004-V0

Air - Title V Regular Permit Initial

**Phase I**

Subject Item	Carbon Tetrachloride			Chlorobenzene			Chloroform			Chlorinated dibenzo-p dioxins			Chlorinated dibenzo furans		
	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY
GRP 003 - 12	0.01	0.01	0.04	0.001	0.001	0.001	0.002	0.01	0.01	0.03					
GRP 004 - 14	0.00	0.00	0.01	0.000	0.000	0.000	0.000	0.00	0.00	0.00					
GRP 005 - 17															
GRP 006 - 18	0.03	0.03	0.13	0.002	0.002	0.002	0.008	0.02	0.02	0.10					
GRP 007 - 19	0.00	0.00	0.02	0.000	0.000	0.000	0.001	0.00	0.00	0.01					
GRP 008 - 21	0.02	0.02	0.09	0.001	0.001	0.001	0.005	0.02	0.02	0.07					
GRP 009 - 22	0.00	0.00	0.01	0.000	0.000	0.000	0.001	0.00	0.00	0.01					
GRP 010 - 24	0.00	0.00	0.00					0.00	0.00	0.00					

## **EMISSION RATES FOR TAP/HAP POLLUTANTS**

Alt: 2645 - Weyerhaeuser Co - Red River Mill

Permit Number: 1980-000004-V0

## Air - Title V Regular Permit Initial

Phase I

## EMISSION RATES FOR TAP/HAP POLLUTANTS

Al: 2645 - Weyerhaeuser Co - Red River Mill

Permit Number: 1980-000004-V0

Air - Title V Regular Permit Initial

Phase

## EMISSION RATES FOR TAP/HAP POLLUTANTS

Al: 2645 - "Weyerhaeuser Co - Red River Mill

Permit Number: 1980-000004-V0

Joint Notice - 100-5554-00

Phase I

**EMISSION RATES FOR TAP/HAP POLLUTANTS**

AI: 2645 - Weyerhaeuser Co - Red River Mill

Permit Number: 1980-00004-V0

Air - Title V Regular Permit Initial

**Phase I**

Subject Item	Dibutyl Phthalate			Dichloromethane			Ethyl Benzene			Formaldehyde			n-Hexane		
	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY
GRP 003 - 12				0.00	0.00	0.01				0.01	0.04	0.01	0.01	0.01	0.02
GRP 004 - 14				0.00	0.00	0.00				0.00	0.00	0.01	0.00	0.00	0.00
GRP 005 - 17										0.93	0.93	4.08			
GRP 006 - 18				0.01	0.01	0.05				0.03	0.03	0.12	0.01	0.01	0.03
GRP 007 - 19				0.00	0.00	0.01							0.00	0.00	0.00
GRP 008 - 21				0.01	0.01	0.03				0.02	0.02	0.10	0.01	0.01	0.05
GRP 009 - 22				0.00	0.00	0.00				0.00	0.00	0.00			
GRP 010 - 24										0.00	0.00	0.00			

## EMISSION RATES FOR TAP/HAP POLLUTANTS

Alt: 2645 - Weverhaeuser Co - Red River Mill

Permit Number: 1980-0000A-Y0

Air - Title V Regular Permit Initial  
Permit Number: 1300-30004-V3

Phase —

## EMISSION RATES FOR TAP/HAP POLLUTANTS

AI: 2645 - Weyerhaeuser Co - Red River Mill

Permit Number: 1980-00004-V0

Jeffrey N. Miller: 1-800-999-9944-999

Phase I

## EMISSION RATES FOR TAP/HAP POLLUTANTS

AI: 2645 - Weverhaeuser Co - Red River Mill

Permit Number: 1980-00004-V0

Air - Title V Regular Permit Initial

Phase I

## EMISSION RATES FOR TAP/HAP POLLUTANTS

AI: 2645 - Weyerhaeuser Co - Red River Mill

Permit Number: 1980-00004-V0

## Air - Title V Regular Permit Initial

Phase I

## EMISSION RATES FOR TAP/HAP POLLUTANTS

A1: 2645 - Weyerhaeuser Co - Red River Mill

AI: 2040 - Avery Chace et al.: 33 (2020) 1-10

## Air - Title V Regular Permit Initial Permit Number: 1980-00004-V

Phase I

## EMISSION RATES FOR TAP/HAP POLLUTANTS

AI: 2645 - Weverhaeuser Co - Red River Mill

Bermit Number: 198-00004-YO

## Air - Title V Regular Permit Initial Permit Number: 1980-00004-V0

Phase I

## EMISSION RATES FOR TAP/HAP POLLUTANTS

Alt: 2645 - Weyerhaeuser Co - Red River Mill

Permit Number: 1980-000004-V0

## Air - Title V Regular Permit Initial

**EMISSION RATES FOR TAP/HAP POLLUTANTS**

AI: 2645 - Weyerhaeuser Co - Red River Mill

Permit Number: 1980-00004-V0

Air - Title V Regular Permit Initial

**Phase I**

Subject Item	Propionaldehyde			Selenium (& compounds)			Styrene			Sulfuric Acid			Tetrachloroethylene		
	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY
GRP 003 - 12							0.00	0.00	0.00				0.00	0.00	0.00
GRP 004 - 14							0.00	0.00	0.00				0.01	0.01	0.07
GRP 005 - 17							0.08	0.08	0.33				0.08	0.08	0.37
GRP 006 - 18							0.02	0.02	0.09				0.01	0.01	0.03
GRP 007 - 19							0.00	0.00	0.01				0.00	0.00	0.01
GRP 008 - 21							0.00	0.00	0.02				0.19	0.19	0.81
GRP 009 - 22							0.00	0.00	0.02				0.00	0.00	0.00
GRP 010 - 24													0.00	0.00	0.00

## EMISSION RATES FOR TAP/HAP POLLUTANTS

All: 2645 - Weverhaeuser Co : Red River Mill

Bammit Number: 1080-00001 V0  
Bammit Date Entered: 06-16-2011

Permit Number: 1980-00004-VU  
Air - Title V Regular Permit Initial

## EMISSION RATES FOR TAP/HAP POLLUTANTS

Al: 2645 - Weyerhaeuser Co - Red River Mill

Permit Number: 1980-00004-V0

Air - Title V Regular Permit Initial

Phase I

**EMISSION RATES FOR TAP/HAP POLLUTANTS**

AI: 2645 - Weyerhaeuser Co - Red River Mill

Permit Number: 1980-00004-V0

Air - Title V Regular Permit Initial

**Phase I**

Zinc (& compounds)			
Subject Item	Ave lb/hr	Max lb/hr	Ann TPY
ARE 004 - 13			
ARE 005 - 15			
ARE 006 - 26			
ARE 007 - 27			
EQT 003 - 01	0.01	0.01	0.06
EQT 004 - 02	0.00	0.00	0.02
EQT 005 - 03			
EQT 006 - 04	0.01	0.01	0.06
EQT 007 - 05	0.00	0.00	0.02
EQT 008 - 06	0.01	0.01	0.03
EQT 009 - 07	0.08	0.08	0.02
EQT 010 - 08			
EQT 011 - 09	0.03	0.03	0.14
EQT 012 - 10			
EQT 014 - 11			
EQT 046 - 16			
EQT 048 - 23			
EQT 049 - 40			

**EMISSION RATES FOR TAP/HAP POLLUTANTS**

AI: 2645 - Weyerhaeuser Co - Red River Mill

Permit Number: 1980-00004-V0

Air - Title V Regular Permit Initial

**Phase I**

Zinc (& compounds)			
Subject Item	Ave lb/hr	Max lb/hr	Ann TPY
GRP 003 - 12			
GRP 004 - 14			
GRP 005 - 17			
GRP 006 - 18			
GRP 007 - 19			
GRP 008 - 21			
GRP 009 - 22			
GRP 010 - 24			

## EMISSION RATES FOR TAP/HAP POLLUTANTS

AI: 2645 - Weyerhaeuser Co - Red River Mill

Permit Number: 1980-00004-V0

Air - Title V Regular Permit Initial

### Emission Notes:

The value of each TAP emission rate is determined by the particular TAP's Minimum Emission Rate (MER).

Emission rates for TAP's with an MER greater than 50 lb/yr are shown as '0.00' or greater.

Emission rates for TAP's with an MER less than 50 lb/yr are shown as '0.000' or greater.

Emission rates displayed as '0.00' or '0.000' represent emissions which are either '< 0.01' or '< 0.001'.

### Phase I Permit Totals:

1,1,1-Trichloroethane	0.11 tons per year
1,1,2-Trichlorethane	0.28 tons per year
1,2,4-Trichlorobenzene	1.72 tons per year
1,2-Dichloroethane	0.104 tons per year
Acetaldehyde	22.34 tons per year
Acetophenone	0.24 tons per year
Acrolein	0.772 tons per year
Ammonia	45.57 tons per year
Antimony (& compounds)	0.012 tons per year
Arsenic (& compounds)	0.004 tons per year
Barium (& compounds)	0.034 tons per year
Benzene	0.50 tons per year
Beryllium (Table 51.1)	0.002 tons per year
Cadmium (& compounds)	0.006 tons per year
Carbon disulfide	0.59 tons per year
Carbon Tetrachloride	0.45 tons per year
Chlorobenzene	0.027 tons per year
Chloroform	0.59 tons per year
Chlorinated dibenzo-p dioxins	0.00 tons per year
Chlorinated dibenzo furans	0.00 tons per year
Chromium VI (& compounds)	0.017 tons per year
Cobalt	0.00 tons per year
Copper (& compounds)	0.032 tons per year
Cresol	2.81 tons per year
Cumene	0.29 tons per year
Dibutyl Phthalate	0.22 tons per year
Dichloromethane	4.29 tons per year
Ethyl Benzene	0.36 tons per year
Formaldehyde	10.89 tons per year
n-Hexane	0.65 tons per year
Hydrochloric Acid	20.34 tons per year
Hydrogen Sulfide	9.74 tons per year
Lead	0.04 tons per year
Manganese (& compounds)	0.344 tons per year
Mercury (& compounds)	0.001 tons per year
Methanol	434.96 tons per year
Methyl Bromide	0.03 tons per year
Methyl Chloride	2.34 tons per year
Methyl Ethyl Ketone	8.56 tons per year
Methyl Isobutyl Ketone	1.07 tons per year
Naphthalene	1.44 tons per year
Nickel (& compounds)	0.037 tons per year
Phenol	0.90 tons per year

**EMISSION RATES FOR TAP/HAP POLLUTANTS**

AI: 2645 - Weyerhaeuser Co - Red River Mill

Permit Number: 1980-00004-V0

Air - Title V Regular Permit Initial

Phosphorus	0.39 tons per year
Polynuclear Aromatic HC	1.091 tons per year
Propionaldehyde	0.18 tons per year
Selenium (& compounds)	0.002 tons per year
Styrene	0.96 tons per year
Sulfuric Acid	13.25 tons per year
Tetrachloroethylene	1.68 tons per year
Toluene	0.35 tons per year
Total Reduced Sulfur	13.30 tons per year
Trichloroethylene	0.14 tons per year
Vinyl Acetate	0.01 tons per year
Xylene	0.88 tons per year
Zinc (& compounds)	0.35 tons per year

**EMISSION RATES FOR CRITERIA POLLUTANTS**

AI: 2645 - Weyerhaeuser Co - Red River Mill

Activity Number: PER19960001

Permit Number: 1980-00004-V0

Air - Title V Regular Permit Initial

**Phase II**

Subject Item	PM <sub>10</sub>			SO <sub>2</sub>			NO <sub>x</sub>			CO			VOC			
	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	
ARE 005 - 15															10.39	10.39
ARE 006 - 26															0.12	0.12
ARE 007 - 27	5.36	5.36	23.47													45.49
EQT 005 - 03	1.38	1.38	6.03	0.11	0.11	0.48	50.68	50.68	221.98	15.20	15.20	66.59	1.03	1.03	0.54	
EQT 008 - 06																
EQT 009 - 07	23.74	23.74	5.98	2.02	2.02	0.51	164.68	164.68	41.50	120.70	120.70	30.42	23.29	23.29	4.50	
EQT 010 - 08																
EQT 011 - 09	23.50	23.50	102.93	14.10	14.10	61.76	141.00	141.00	617.58	282.00	282.00	1235.16	11.53	11.53	6.52	
EQT 014 - 11																
EQT 046 - 16																
EQT 049 - 40	0.05	0.05	0.22													
EQT 120 - 41	45.20	45.20	197.98	70.00	70.00	306.60	201.20	201.20	881.26	76.53	76.53	335.22	13.05	13.05	57.17	
EQT 121 - 42																
EQT 122 - 43	0.66	0.66	2.87				35.13	35.13	68.78			11.03			6.94	
FUG 001 - 45															3.89	3.89
FUG 002 - 46	0.04	0.04	0.18													17.04
GRP 003 - 12	0.01	0.01	0.05													
GRP 004 - 14															0.79	0.79
GRP 005 - 17															52.13	228.31

**EMISSION RATES FOR CRITERIA POLLUTANTS**

AI: 2645 - Weyerhaeuser Co - Red River Mill

Activity Number: PER19960001

Permit Number: 1980-00004-V0

Air - Title V Regular Permit Initial

**Phase II**

Subject Item	PM <sub>10</sub>			SO <sub>2</sub>			NO <sub>x</sub>			CO			VOC		
	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY
GRP 006 - 18														14.06	14.06
GRP 007 - 19														0.27	0.27
GRP 008 - 21														20.63	20.63
GRP 009 - 22														10.71	10.71
GRP 010 - 24														0.06	0.06
GRP 012 - LK-CAP 4.33				18.97	35.13	153.87	68.78	301.23	11.03				48.29	6.94	30.40

**Phase II Permit Totals:**

PM<sub>10</sub>: 358.68 tons per year  
 SO<sub>2</sub>: 523.22 tons per year  
 NO<sub>x</sub>: 2063.55 tons per year  
 CO: 1715.68 tons per year  
 VOC: 659.33 tons per year

**Emission Rate Notes:**

GRP 012: EQT 008, 06 Lime Kiln No. 1 serves as a back-up to the primary, EQT 121, 42 Lime Kiln No. 2.

It will only operate when EQT 121, 42 Lime Kiln No. 2, is not in operation.

## EMISSION RATES FOR TAP/HAP POLLUTANTS

Alt: 2645 - Weyerhaeuser Co - Red River Mill

Activity Number: PER19960001

Activity Identifier: 1234567890  
Bermit Number: 1880-0000A-V0

Air - Title V Regular Permit Initial  
Permit Number: 1980-000004-V0

Phase II

Subject Item	1,1,1-Trichloroethane			1,1,2-Trichlorethane			1,2,4-Trichlorobenzene			1,2-Dichloroethane			Acetaldehyde		
	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY
ARE 005 - 15				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.001	1.22	1.22	5.36
ARE 006 - 26															
EQT 005 - 03															
EQT 008 - 06															
EQT 009 - 07	0.00	0.00										0.03	0.03	0.01	
EQT 010 - 08	0.00	0.00	0.01	0.01	0.03	0.00	0.00	0.00				0.01	0.01	0.06	
EQT 011 - 09	0.00	0.00	0.01									0.10	0.10	0.45	
EQT 014 - 11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.002	0.01	0.01	0.04	
EQT 120 - 41							0.00	0.00	0.02			0.07	0.07	0.29	
EQT 121 - 42							0.00						0.02		
EQT 122 - 43	0.01	0.03	0.01	0.01	0.03	0.00	0.00	0.01	0.006	0.006	0.026	1.21	1.21	5.29	
GRP 003 - 12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.001	0.01	0.01	0.03	
GRP 004 - 14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.002	0.01	0.01	0.04	
GRP 005 - 17							0.06	0.06	0.28	0.30	0.30	1.29		2.85	12.48
GRP 006 - 18	0.01	0.01	0.02	0.01	0.01	0.02	0.08	0.08	0.34	0.005	0.005	0.022	0.23	0.23	1.02
GRP 007 - 19															
GRP 008 - 21	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.02	0.004	0.004	0.019	0.53	0.53	2.32	
GRP 009 - 22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.001	0.001	0.005	0.05	0.05	0.22	
GRP 010 - 24												0.00	0.00	0.00	
GRP 012 - LK-CAP												0.00	0.02	0.09	

## EMISSION RATES FOR TAP/HAP POLLUTANTS

AI: 2645 - Weverhaeuser Co - Red River Mill

Activitiy Number: PEB19960001

Activity Number: 1-2319999999  
Submit Number: 1080 00001 V0

Permit Number: 1980-00004-V0  
**Air - Title V Regular Permit Initial**

Phase II

Phase II												
Acetophenone												
Subject Item	Acetophenone			Acrolein			Ammonia			Antimony (& compounds)		
	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY
ARE 005 - 15	0.00	0.00	0.01	0.000	0.000	0.000	0.10	0.10	0.44			
ARE 006 - 26												
EQT 005 - 03												
EQT 008 - 06												
EQT 009 - 07	0.00	0.00	0.00	0.004	0.004	0.001				0.002	0.002	0.000
EQT 010 - 08							0.001	0.001	0.003			
EQT 011 - 09	0.00	0.00	0.00	0.014	0.014	0.062						
EQT 014 - 11							0.000	0.000	0.001			
EQT 120 - 41							10.67	10.67		46.72	0.005	0.001
EQT 121 - 42							0.001				0.000	0.000
EQT 122 - 43							0.002	0.002	0.011	9.63	9.63	42.16
GRP 003 - 12							0.000	0.000	0.001			
GRP 004 - 14							0.000	0.000	0.001			
GRP 005 - 17							0.241	0.241	1.055			
GRP 006 - 18							0.002	0.002	0.008			
GRP 007 - 19												
GRP 008 - 21							0.003	0.003	0.013			
GRP 009 - 22							0.001	0.001	0.003			
GRP 010 - 24												
GRP 012 - LK-CAP							0.001	0.002			0.000	0.000

**EMISSION RATES FOR TAPIHAP POLLUTANTS**

AI: 2645 - Weyerhaeuser Co - Red River Mill

Activity Number: PER19960001

Permit Number: 1980-0004-V0

Air - Title V Regular Permit initial

**Phase II**

Subject Item	Barium (& compounds)			Benzene			Beryllium (Table 51.1)			Cadmium (& compounds)			Carbon disulfide		
	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY
ARE 005 - 15				0.00	0.00	0.00							0.00	0.00	0.00
ARE 006 - 26															
EQT 005 - 03				0.00	0.00	0.00									
EQT 008 - 06															
EQT 009 - 07	0.080	0.080	0.020	0.02	0.02	0.00	0.004	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.01
EQT 010 - 08				0.00	0.00	0.00							0.20	0.20	0.05
EQT 011 - 09				0.06	0.06	0.06									
EQT 014 - 11				0.00	0.00	0.00							0.001	0.001	0.54
EQT 120 - 41	0.076	0.076	0.019	0.08	0.08	0.08	0.37	0.003	0.003	0.001	0.002	0.002	0.007	0.007	0.02
EQT 121 - 42		0.029				0.01							0.000		0.16
EQT 122 - 43				0.00	0.00	0.00									
GRP 003 - 12				0.00	0.00	0.00									
GRP 004 - 14				0.00	0.00	0.00									
GRP 005 - 17															
GRP 006 - 18				0.00	0.00	0.00									
GRP 007 - 19															
GRP 008 - 21															
GRP 009 - 22															
GRP 010 - 24															
GRP 012 - LKCAP	0.029		0.007	0.01	0.03	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.016	0.04

**EMISSION RATES FOR TAP/HAP POLLUTANTS**

AI: 2645 - Weyerhaeuser Co - Red River Mill

Activity Number: PER19960001

Permit Number: 1980-00004-V0

Air - Title V Regular Permit Initial

**Phase II**

Carbon Tetrachloride		Chlorobenzene		Chloroform		Chlorinated dibenzo-p dioxins		Chlorinated dibenzo furans				
Subject Item	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY
ARE 005 - 15	0.00	0.00	0.00	0.000	0.000	0.000	0.08	0.08	0.35			
ARE 006 - 26												
EQT 005 - 03												
EQT 008 - 06												
EQT 009 - 07												
EQT 010 - 08				0.000	0.000	0.001	0.00	0.00	0.00000003	0.00000001	0.00000001	0.000000000
EQT 011 - 09							0.00	0.00	0.02			
EQT 014 - 11	0.00	0.00	0.01	0.000	0.000	0.001	0.00	0.00	0.00000013	0.00000013	0.00000004	0.000000018
EQT 120 - 41							0.01	0.01	0.02	0.00000008	0.00000008	0.000000037
EQT 121 - 42					0.000		0.00			0.00000002		0.000000000
EQT 122 - 43	0.03	0.03	0.12	0.002	0.002	0.007	0.02	0.02	0.09			
GRP 003 - 12	0.00	0.00	0.01	0.000	0.000	0.000	0.00	0.00	0.00			
GRP 004 - 14	0.00	0.00	0.01	0.000	0.000	0.000	0.00	0.00	0.00			
GRP 005 - 17												
GRP 006 - 18	0.02	0.02	0.10	0.001	0.001	0.006	0.02	0.02	0.08			
GRP 007 - 19												
GRP 008 - 21	0.02	0.02	0.08	0.001	0.001	0.004	0.02	0.02	0.07			
GRP 009 - 22	0.00	0.00	0.02	0.000	0.000	0.001	0.00	0.00	0.02			
GRP 010 - 24	0.00	0.00					0.00	0.00	0.00			
GRP 012 - LK-CAP				0.000		0.001	0.00	0.00	0.00000002	0.00000011	0.000000000	0.000000001

**EMISSION RATES FOR TAPI/HAP POLLUTANTS**

AI: 2645 - Weyerhaeuser Co - Red River Mill

Activity Number: PER19960001

Permit Number: 1980-00004-V0

Air - Title V Regular Permit Initial

**Phase II**

Subject Item	Chromium VI (& compounds)			Cobalt			Copper (& compounds)			Cresol			Cumene				
	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY		
ARE 005 - 15																	
ARE 006 - 26																	
EQT 005 - 03																	
EQT 008 - 06																	
EQT 009 - 07	0.001	0.001	0.000	0.00	0.00	0.00	0.008	0.008	0.002	0.00	0.00	0.00	0.00	0.00	0.00		
EQT 010 - 08															0.08	0.08	0.37
EQT 011 - 09	0.002	0.002	0.008												0.02	0.02	0.07
EQT 014 - 11																	
EQT 120 - 41	0.003	0.003	0.012				0.004	0.004	0.019								
EQT 121 - 42				0.001		0.01			0.002								
EQT 122 - 43																	
GRP 003 - 12																	
GRP 004 - 14																	
GRP 005 - 17																	
GRP 006 - 18																	
GRP 007 - 19																	
GRP 008 - 21																	
GRP 009 - 22																	
GRP 010 - 24																	
GRP 012 - LKCAP	0.001		0.004		0.01					0.00	0.002					0.009	

**EMISSION RATES FOR TAP/HAP POLLUTANTS**

AI: 2645 - Weyerhaeuser Co - Red River Mill

Activity Number: PER19960001

Permit Number: 1980-00004-V0

Air - Title V Regular Permit Initial

**Phase II**

Subject Item	Dibutyl Phthalate			Dichloromethane			Ethyl Benzene			Formaldehyde			n-Hexane		
	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY
ARE 005 - 15			0.00	0.00	0.00	0.00			0.02	0.01	0.01	0.06	0.00	0.00	0.00
ARE 006 - 26															
EQT 005 - 03										0.03	0.03	0.14			
EQT 008 - 06															
EQT 009 - 07	0.01	0.01	0.00	0.23	0.23	0.06	0.00	0.00	0.00	0.08	0.08	0.02	0.01	0.01	0.00
EQT 010 - 08			0.00	0.00	0.00	0.00							0.06	0.06	0.27
EQT 011 - 09	0.03	0.03	0.14	0.87	0.87	3.83	0.00	0.00	0.00	0.32	1.40	0.05	0.05	0.05	0.23
EQT 014 - 11			0.00	0.00	0.00	0.00				0.00	0.00	0.01	0.00	0.00	0.00
EQT 120 - 41		0.10	0.10	0.45						1.04	1.04	4.56	0.05	0.05	0.22
EQT 121 - 42			0.00							0.04				0.00	
EQT 122 - 43	0.01	0.01	0.05							0.05	0.05	0.23	0.00	0.00	0.01
GRP 003 - 12		0.00	0.00	0.00						0.00	0.00	0.01	0.00	0.00	0.00
GRP 004 - 14		0.00	0.00	0.00						0.00	0.00	0.01			
GRP 005 - 17										1.51	1.51	6.62			
GRP 006 - 18	0.01	0.01	0.04							0.02	0.02	0.10	0.01	0.01	0.03
GRP 007 - 19															
GRP 008 - 21	0.01	0.01	0.03							0.02	0.02	0.10	0.01	0.01	0.04
GRP 009 - 22	0.00	0.00	0.01							0.00	0.00	0.00			
GRP 010 - 24	0.00	0.00	0.00							0.00	0.00	0.00			
GRP 012 - LK-CAP	0.00	0.00	0.00							0.04	0.16	0.00			

**EMISSION RATES FOR TAP/HAP POLLUTANTS**

AI: 2645 - Weyerhaeuser Co - Red River Mill

Activity Number: PER19960001

Permit Number: 1980-00004-V0

Air - Title V Regular Permit Initial

**Phase II**

		Hydrochloric acid			Hydrogen Sulfide			Lead			Manganese (& compounds)			Mercury (& compounds)		
Subject Item	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	
ARE 005 - 15			0.00	0.00	0.02											
ARE 006 - 26																
EQT 005 - 03																
EQT 008 - 06																
EQT 009 - 07	0.08	0.08	0.02			0.007	0.007	0.002	0.187	0.187	0.047	0.000	0.000	0.000	0.000	
EQT 010 - 08				2.07	2.07	9.08										
EQT 011 - 09	0.32	0.32	1.40			0.002	0.002	0.008	0.057	0.057	0.251	0.000	0.000	0.000	0.001	
EQT 014 - 11																
EQT 120 - 41	8.00	8.00	35.04	5.60	5.60	24.53	0.005	0.005	0.023	0.012	0.052	0.000	0.000	0.000	0.001	
EQT 121 - 42					2.14			0.011			0.008			0.000		
EQT 122 - 43																
GRP 003 - 12																
GRP 004 - 14																
GRP 005 - 17																
GRP 006 - 18																
GRP 007 - 19																
GRP 008 - 21																
GRP 010 - 24																
GRP 012 - LK-CAP		2.14				9.39	0.011			0.046	0.008	0.036	0.000	0.000	0.000	

## EMISSION RATES FOR TAP/HAP POLLUTANTS

AI: 2645 - Weyerhaeuser Co - Red River Mill

Activity Number: PER19960001

Report Number: 1080 00001 VO

Air - Title V Regular Permit Initial  
Permit Number: 1980-000004-V0

Phase II

**EMISSION RATES FOR TAP/HAP POLLUTANTS**

AI: 2645 - Weyerhaeuser Co - Red River Mill

Activity Number: PER19960001

Permit Number: 1980-00004-V0

Air - Title V Regular Permit Initial

**Phase II**

Subject Item	Naphthalene			Nickel (& compounds)			Phenol			Phosphorus			Polynuclear Aromatic HC	
	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr
ARE 005 - 15							0.00	0.00	0.02					
ARE 006 - 26							0.03	0.03	0.14					
EQT 005 - 03													0.000	0.000
EQT 008 - 06														
EQT 009 - 07	0.03	0.03	0.01	0.004	0.004	0.001	0.00	0.00	0.04	0.04	0.04	0.01	0.045	0.045
EQT 010 - 08										0.70				
EQT 011 - 09	0.11	0.11	0.49	0.003	0.003	0.014	0.00	0.00	0.01				0.169	0.169
EQT 014 - 11														
EQT 120 - 41	0.07	0.07	0.32	0.006	0.006	0.027				0.02	0.02	0.07	0.051	0.051
EQT 121 - 42		0.28			0.004				0.01		0.16		0.105	
EQT 122 - 43														
GRP 003 - 12														
GRP 004 - 14														
GRP 005 - 17														
GRP 006 - 18														
GRP 007 - 19														
GRP 008 - 21														
GRP 009 - 22														
GRP 010 - 24														
GRP 012 - LK-CAP	0.28		1.25	0.004	0.015	0.01	0.04	0.16		0.72	0.105		0.460	

## EMISSION RATES FOR TAP/HAP POLLUTANTS

Al: 2645 - Weyerhaeuser Co - Red River Mill

Activity Number: PER19960001

Borrower Number: 1980-00004-V0

## Air - Title V Regular Permit Initial

Phase II

Propionatedtyde		Selenium (& compounds)				Styrene				Sulfuric Acid				Tetrachloroethylene			
Subject Item	Ave lb/hr	Max lb/hr	Ave TPy	Max lb/hr	Ave lb/hr	Max TPy	Ave lb/hr	Max lb/hr	Ave TPy	Max lb/hr	Ave lb/hr	Max TPy	Ave lb/hr	Max lb/hr	Ave TPy	Ann TPy	
ARE 005 - 15	0.00	0.00	0.01				0.00	0.00	0.00				0.00	0.00	0.00	0.01	
ARE 006 - 26																	
EQT 005 - 03																	
EQT 008 - 06																	
EQT 009 - 07		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
EQT 010 - 08							0.00	0.00	0.00	0.02			0.01	0.01	0.03		
EQT 011 - 09							0.01	0.01	0.06								
EQT 014 - 11							0.00	0.00	0.01				0.00	0.00	0.00		
EQT 120 - 41		0.010	0.010	0.002	0.07	0.07	0.33	0.06	0.06	0.27	0.08	0.08	0.08	0.08	0.33		
EQT 121 - 42				0.000			0.00						0.01				
EQT 122 - 43							0.02	0.02	0.11			0.01	0.01	0.03			
GRP 003 - 12							0.00	0.00	0.00			0.00	0.00	0.00			
GRP 004 - 14							0.00	0.00	0.00			0.01	0.01	0.06			
GRP 005 - 17							0.12	0.12	0.53			0.14	0.14	0.60			
GRP 006 - 18							0.02	0.02	0.07			0.01	0.01	0.03			
GRP 007 - 19																	
GRP 008 - 21							0.01	0.01	0.02			0.15	0.15	0.66			
GRP 009 - 22							0.01	0.01	0.04			0.00	0.00	0.01			
GRP 010 - 24												0.00	0.00	0.00			
GRP 012 - LK-CAP		0.000		0.000		0.000		0.000	0.01			0.01		0.03			

**EMISSION RATES FOR TAP/HAP POLLUTANTS**

AI: 2645 - Weyerhaeuser Co - Red River Mill

Activity Number: PER19960001

Permit Number: 1980-00004-V0

Air - Title V Regular Permit Initial

**Phase II**

Subject Item	Toluene			Total Reduced Sulfur			Trichloroethylene			Vinyl Acetate			Xylene		
	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY	Ave lb/hr	Max lb/hr	Ann TPY
ARE 005 - 15	0.00	0.00	0.00				0.00	0.00	0.00				0.00	0.00	0.01
ARE 006 - 26															
EQT 005 - 03															
EQT 008 - 06															
EQT 009 - 07	0.00	0.00	0.00				0.00	0.00	0.00				0.00	0.00	0.00
EQT 010 - 08	0.01	0.01	0.03	2.68	2.68	11.76	0.00	0.00	0.00				0.01	0.01	0.04
EQT 011 - 09	0.01	0.01	0.04				0.00	0.00	0.02				0.00	0.00	0.02
EQT 014 - 11	0.00	0.00	0.00				0.00	0.00	0.00				0.00	0.00	0.01
EQT 120 - 41	0.04	0.04	0.17	5.60	5.60	24.53							0.07	0.07	0.30
EQT 121 - 42		0.00			2.14									0.00	
EQT 122 - 43	0.01	0.01	0.03				0.01	0.01	0.03				0.00	0.00	0.01
GRP 003 - 12	0.00	0.00	0.00				0.00	0.00	0.00				0.00	0.00	0.01
GRP 004 - 14	0.00	0.00	0.00				0.00	0.00	0.00				0.00	0.00	0.02
GRP 005 - 17	0.00	0.00	0.01										0.02	0.02	0.08
GRP 006 - 18	0.01	0.01	0.02				0.01	0.01	0.02				0.01	0.01	0.04
GRP 007 - 19															
GRP 008 - 21	0.02	0.02	0.07				0.00	0.00	0.02				0.04	0.04	0.19
GRP 009 - 22	0.00	0.00	0.00				0.00	0.00	0.00				0.00	0.00	0.01
GRP 010 - 24															
GRP 012 - LK-CAP	0.00			0.00	2.14	9.39							0.00	0.00	0.02

**EMISSION RATES FOR TAP/HAP POLLUTANTS**

AI: 2645 - Weyerhaeuser Co - Red River Mill

Activity Number: PER19960001

Permit Number: 1980-00004-V0

Air - Title V Regular Permit Initial

**Phase II**

Zinc (& compounds)				
Subject Item	Ave lb/hr	Max lb/hr	Ann TPy	
ARE 005 - 15				
ARE 006 - 26				
EQT 005 - 03				
EQT 008 - 06				
EQT 009 - 07	0.08	0.08	0.02	
EQT 010 - 08				
EQT 011 - 09	0.03	0.03	0.14	
EQT 014 - 11				
EQT 120 - 41	0.07	0.07	0.30	
EQT 121 - 42		0.01		
EQT 122 - 43				
GRP 003 - 12				
GRP 004 - 14				
GRP 005 - 17				
GRP 006 - 18				
GRP 007 - 19				
GRP 008 - 21				
GRP 009 - 22				
GRP 010 - 24				
GRP 012 - LK-CAP	0.01		0.06	

## EMISSION RATES FOR TAP/HAP POLLUTANTS

AI: 2645 - Weyerhaeuser Co - Red River Mill

Activity Number: PER19960001

Permit Number: 1980-00004-V0

Air - Title V Regular Permit Initial

### Emission Notes:

The value of each TAP emission rate is determined by the particular TAP's Minimum Emission Rate (MER).

Emission rates for TAP's with an MER greater than 50 lb/yr are shown as '0.00' or greater.

Emission rates for TAP's with an MER less than 50 lb/yr are shown as '0.000' or greater.

Emission rates displayed as '0.00' or '0.000' represent emissions which are either '< 0.01' or '< 0.001'.

GRP 012: EQT 008, 06 Lime Kiln No. 1 serves as a back-up to the primary, EQT 121, 42 Lime Kiln No. 2.

It will only operate when EQT 121, 42 Lime Kiln No. 2, is not in operation.

### Phase II Permit Totals:

1,1,1-Trichloroethane	0.09 tons per year
1,1,2-Trichlorethane	0.38 tons per year
1,2,4-Trichlorobenzene	1.68 tons per year
1,2-Dichloroethane	0.077 tons per year
Acetaldehyde	27.70 tons per year
Acetophenone	0.02 tons per year
Acrolein	1.161 tons per year
Ammonia	89.31 tons per year
Antimony (& compounds)	0.022 tons per year
Arsenic (& compounds)	0.006 tons per year
Barium (& compounds)	0.047 tons per year
Benzene	0.69 tons per year
Beryllium (Table 51.1)	0.002 tons per year
Cadmium (& compounds)	0.009 tons per year
Carbon disulfide	0.65 tons per year
Carbon Tetrachloride	0.35 tons per year
Chlorobenzene	0.023 tons per year
Chloroform	0.67 tons per year
Chlorinated dibenzo-p dioxins	0.00000105 tons per year
Chlorinated dibenzo furans	0.00000032 tons per year
Chromium VI (& compounds)	0.024 tons per year
Cobalt	0.00 tons per year
Copper (& compounds)	0.045 tons per year
Cresol	0.00 tons per year
Cumene	0.44 tons per year
Dibutyl Phthalate	0.14 tons per year
Dichloromethane	4.48 tons per year
Ethyl Benzene	0.02 tons per year
Formaldehyde	13.41 tons per year
n-Hexane	0.81 tons per year
Hydrochloric Acid	36.46 tons per year
Hydrogen Sulfide	43.02 tons per year
Lead	0.079 tons per year
Manganese (& compounds)	0.387 tons per year
Mercury (& compounds)	0.002 tons per year
Methanol	352.42 tons per year
Methyl Bromide	0.04 tons per year
Methyl Chloride	3.66 tons per year
Methyl Ethyl Ketone	9.78 tons per year
Methyl Isobutyl Ketone	1.06 tons per year

**EMISSION RATES FOR TAP/HAP POLLUTANTS**

AI: 2645 - Weyerhaeuser Co - Red River Mill

Activity Number: PER19960001

Permit Number: 1980-00004-V0

Air - Title V Regular Permit Initial

Naphthalene	2.06 tons per year
Nickel (& compounds)	0.058 tons per year
Phenol	0.99 tons per year
Phosphorus	0.80 tons per year
Polynuclear Aromatic HC	1.434 tons per year
Propionaldehyde	0.01 tons per year
Selenium (& compounds)	0.003 tons per year
Styrene	1.21 tons per year
Sulfuric Acid	0.27 tons per year
Tetrachloroethylene	1.78 tons per year
Toluene	0.39 tons per year
Total Reduced Sulfur	45.68 tons per year
Trichloroethylene	0.10 tons per year
Vinyl Acetate	0.00 tons per year
Xylene	0.74 tons per year
Zinc (& compounds)	0.52 tons per year

## SPECIFIC REQUIREMENTS

AI ID: 2645 - Weyerhaeuser Co - Red River Mill  
Activity Number: PER19960001  
Permit Number: 1980-00004-V0  
Air - Title V Regular Permit Initial

### ARE004 13 - Brownstock Washers - A & B Lines (Phase I)

- 1 Compliance with the Federal MACT requirements is considered to be State MACT. [LAC 33:III.51.09.A], Phases: Phase I  
Phases: Phase I
- 2 Achieve compliance with the pulping system provisions of 40 CFR 63.443 for the equipment listed in 40 CFR 63.443(a)(1)(ii)-(v) as expeditiously as practicable, but in no event later than December 20, 2004. Establish dates, update dates, and report the dates for the milestones specified in 40 CFR 63.455(b). Subpart S. [40 CFR 63.440(d)(1)], Phases: Phase I  
Phases: Phase I
- 3 Install and operate a clean condensate alternative technology with a continuous monitoring system to reduce total HAP emissions by treating and reducing HAP concentrations in the pulping process water used within the clean condensate alternative affected source. Subpart S. [40 CFR 63.447(b)], Phases: Phase I  
Phases: Phase I
- 4 Calculate HAP emissions on a kilogram per megagram of ODP basis and measure HAP emissions according to the appropriate procedures contained in 40 CFR 63.457. Subpart S. [40 CFR 63.447(c)], Phases: Phase I  
Phases: Phase I
- 5 Determine the baseline HAP emissions for each equipment system and the total of all equipment systems in the clean condensate alternative affected source based on the method specified in 40 CFR 63.447(d)(1) and (d)(2). Subpart S. [40 CFR 63.447(d)], Phases: Phase I  
Phases: Phase I
- 6 Determine the HAP emission reductions in 40 CFR 63.447(e)(1) and (e)(2) from the baseline HAP emissions determined in 40 CFR 63.447(d) for each equipment system and the total of all equipment systems in the clean condensate alternative affected source. Subpart S. [40 CFR 63.447(e)], Phases: Phase I  
Phases: Phase I
- 7 Include to the extent possible, in the initial and updates to the control strategy report specified in 40 CFR 63.455(b), the information specified in 40 CFR 63.447(g)(1) and (g)(2).  
Subpart S. [40 CFR 63.447(g)], Phases: Phase I  
Phases: Phase I
- 8 Submit report. Due by the applicable compliance date specified in 40 CFR 63.440(d) or (e). Report the rationale, calculations, test procedures, and data documentation used to demonstrate compliance with all the requirements of 40 CFR 63.447. Subpart S. [40 CFR 63.447(h)], Phases: Phase I  
Phases: Phase I
- 9 Demonstrate to the satisfaction of the DEQ, by meeting all the requirements in 40 CFR 63.447, that the total HAP emissions reductions achieved by this clean condensate alternative technology are equal to or greater than the total HAP emission reductions that would have been achieved by compliance with 40 CFR 63.443(a)(1)(ii) through (a)(1)(v). Subpart S. [40 CFR 63.447], Phases: Phase I  
Phases: Phase I
- 10 Individual Drain Systems: Equipment/operational data monitored by visual inspection/determination once every 30 days. Comply with the inspection and monitoring requirements specified in 40 CFR 63.964 of Subpart RR, except as specified in 40 CFR 63.453(l)(1)(i) and (l)(1)(ii). Subpart S. [40 CFR 63.453(l)(1)]  
Which Months: All Year Phases: Phase I Statistical Basis: None specified
- 11 Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the visual inspection specified in 40 CFR 63.453(l)(1) and the results of the inspections and monitoring required in 40 CFR 63.964 of Subpart RR. Subpart S. [40 CFR 63.453(l)(1)]  
Phases: Phase I
- 12 Take the corrective actions specified in 40 CFR 63.964(b) of Subpart RR, if an inspection required by 40 CFR 63.453 identifies visible defects in the closed collection system, or if an instrument reading of 500 parts per million or greater above background is measured. Subpart S. [40 CFR 63.453(l)(3)], Phases: Phase I  
Phases: Phase I

## SPECIFIC REQUIREMENTS

AI ID: 2645 - Weyerhaeuser Co - Red River Mill  
Activity Number: PER199960001  
Permit Number: 1980-00004-V0  
Air - Title V Regular Permit Initial

### ARE004 13 - Brownstock Washers - A & B Lines (Phase I)

- 13 Use the procedures specified in 40 CFR 63.453(n)(1) through (n)(4) to establish or reestablish the value for each operating parameter required to be monitored under 40 CFR 63.453(b) through (j), (l), and (m) or to establish appropriate parameters for 40 CFR 63.455(f), (i), (j)(2), and (m). Subpart S. [40 CFR 63.453(n)]. Phases: Phase I
- 14 Comply with the recordkeeping requirements of 40 CFR 63.10, as shown in table 1 of Subpart S. Subpart S. [40 CFR 63.454(a)]. Phases: Phase I
- 15 Comply with the reporting requirements of 40 CFR 63 Subpart A as specified in 40 CFR 63 Subpart S, table 1. Subpart S. [40 CFR 63.455(a)]. Phases: Phase I
- 16 Submit report. Due with the initial notification report specified under 40 CFR 63.9(b)(2) and 40 CFR 63.455(a). Submit a non-binding control strategy report containing, at a minimum, the information specified in 40 CFR 63.455(b)(1) through (b)(3) in addition to the information required in 40 CFR 63.9(b)(2). Update every two years thereafter. Subpart S. [40 CFR 63.455(b)]. Phases: Phase I
- 17 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1.305.1-7. [LAC 33:III.1.305]

### ARE007 27 - Plant Roadways (All Phases)

- 17 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1.305.1-7. [LAC 33:III.1.305]

### EQT003 01 - Recovery Boiler No. 1 (Phase I)

- 18 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.151.3]
- 19 Particulate matter (10 microns or less)  $\leq$  4.0 lb/equivalent pulp ton, (2.0 kilograms per equivalent pulp metric ton). [LAC 33:III.2301.D.1.a]  
Which Months: All Year Phases: Phase I Statistical Basis: Twelve-hour average
- 20 Do not exceed the limits set forth in LAC 33:III.1.503.C. [LAC 33:III.2301.D.2]. Phases: Phase I
- 21 Total reduced sulfur  $\leq$  5 ppm. [LAC 33:III.2301.D.3.a.ii]  
Which Months: All Year Phases: Phase I Statistical Basis: Twelve-hour average
- 22 Achieve final compliance with the provisions of LAC 33:III.2301.D.3 as expeditiously as practicable but not more than six years from the effective date of LAC 33:III.2301.  
[LAC 33:III.2301.D.3.ii]. Phases: Phase I
- 23 Submit test results: Due to the Office of Environmental Assessment, Environmental Technology Division as specified in LAC 33:III.919 and 918. Submit the results of the source test. [LAC 33:III.2301.D.4.a]. Phases: Phase I
- 24 Total suspended particulate monitored by the regulation's specified method(s) at the regulation's specified frequency. Conduct source tests pursuant to the provisions in LAC 33:III.1.503.D.2, Table 4, to confirm particulate emissions are less than that specified in LAC 33:III.2301.D.1. Conduct four tests at six month intervals within 24 months of promulgation of LAC 33:III.2301, and one test annually thereafter. [LAC 33:III.2301.D.4.a]. [LAC 33:III.2301.D.4.a]. Phases: Phase I
- 25 Opacity  $\leq$  40 percent, except for one 6-minute period in any 60 consecutive minutes. [LAC 33:III.2301.D.4]  
Which Months: All Year Phases: Phase I Statistical Basis: Six-minute average

## SPECIFIC REQUIREMENTS

AI ID: 2645 - Weyerhaeuser Co - Red River Mill  
Activity Number: PER1996001  
Permit Number: 1980-00004-V0  
Air - Title V Regular Permit Initial

### EQT003      01 - Recovery Boiler No. 1 (Phase I)

26 Compliance with the Federal MACT requirements is considered to be State MACT. [LAC 33:III.5109.A], Phases: Phase I

Phases: Phase I

27 Particulate matter (10 microns or less) <= 0.044 gr/dscf (0.10 g/dscm), corrected to 8 percent oxygen. Subpart MM. [40 CFR 63.862(a)(1)(i)(A)]

Which Months: All Year    Phases: Phase I    Statistical Basis: None specified

28 Opacity monitored by continuous opacity monitor (COM) continuously. Ensure that each COMS is operated according to the provisions in 40 CFR 63.6(h) and 40 CFR 63.8, and completes a minimum of one cycle of sampling and analyzing for each successive 10-second period as specified in 40 CFR 63.8(c)(4)(i). Reduce the COMS data as specified in 40 CFR 63.8(g)(2). Subpart MM. [40 CFR 63.864(d)]

Which Months: All Year    Phases: Phase I    Statistical Basis: None specified

29 Opacity recordkeeping by continuous opacity monitor (COM) continuously. Subpart MM. [40 CFR 63.864(d)]

Phases: Phase I

30 Implement corrective action, as specified in the startup, shutdown and malfunction plan prepared under 63.866(a), if the monitoring exceedances in 40 CFR 63.864(k)(1) through (k)(1)(vi) occur. Subpart MM. [40 CFR 63.864(k)(1)]. Phases: Phase I

Phases: Phase I

31 Conduct an initial performance test using the test methods and procedures listed in 40 CFR 63.7 and 40 CFR 63.865(b), except as provided in 40 CFR 63.865(c)(1). Subpart MM. [40 CFR 63.865]. Phases: Phase I

Phases: Phase I

32 Determine compliance using the test methods and procedures specified in 40 CFR 63.865(a) through (d). Subpart MM. [40 CFR 63.865], Phases: Phase I

Phases: Phase I

33 Develop and implement a written startup, shutdown, and malfunction plan as described in 40 CFR 63.6(e)(3) that contains specific procedures to be followed for operating the source and maintaining the source during periods of startup, shutdown, and malfunction, and a program of corrective action for malfunctioning process and control systems used to comply with the standards. In addition to the information required in 40 CFR 63.6(e), include the requirements in paragraphs 40 CFR 63.866(a)(1) and (2). Subpart MM. [40 CFR 63.866(a)], Phases: Phase I

Phases: Phase I

34 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of any occurrence when corrective action is required under 40 CFR 63.864(k)(1) and when a violation is noted under 40 CFR 63.864(k)(2). Subpart MM. [40 CFR 63.866(b)]

Phases: Phase I

35 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain the general records required by 40 CFR 63.10(b)(2), and the information specified in 40 CFR 63.866(c)(1) through (c)(6). Subpart MM. [40 CFR 63.866(c)]

Phases: Phase I

36 Submit the applicable notifications from 40 CFR 63, Subpart A, as specified in 40 CFR 63, Subpart MM, Table I. Subpart MM. [40 CFR 63.867(a)(1)], Phases: Phase I

Phases: Phase I

37 Submit notification: Due to DEQ before any of the actions in 40 CFR 63.867(b)(3)(i) through (b)(3)(iv) are taken. Subpart MM. [40 CFR 63.867(b)(3)], Phases: Phase I

Phases: Phase I

38 Submit excess emissions report Due semiannually when no exceedances of parameters have occurred. Include a statement that no excess emissions occurred during the reporting period. Subpart MM. [40 CFR 63.867(c)(1)], Phases: Phase I

Phases: Phase I

## SPECIFIC REQUIREMENTS

AI ID: 2645 - Weynnaeuser Co - Red River Mill  
Activity Number: PER19960001  
Permit Number: 1980-00004-V0  
Air - Title V Regular Permit Initial

### EQT003 01 - Recovery Boiler No. 1 (Phase I)

39 Submit excess emissions report Due quarterly if measured parameters meet any of the conditions specified in 40 CFR 63.864(k)(1) or (k)(2). Include the information specified in 40 CFR 63.10(c) as well as the number and duration of occurrences when the source met or exceeded the conditions in 40 CFR 63.864(k)(1), and the number and duration of occurrences when the source met or exceeded the conditions in 40 CFR 63.864(k)(2). Subpart MM. [40 CFR 63.867(c)], Phases: Phase I  
Phases: Phase I

### EQT004 02 - Smelt Dissolving Tank No. 1 (Phase I)

- 40 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III, Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.15.3]
- 41 Do not exceed the limits set forth in LAC 33:III.1503.C. [LAC 33:III.2301.D.2], Phases: Phase I  
Phases: Phase I
- 42 Total reduced sulfur <= 0.016 g/kg of black liquor solids fired. Alternatively, compliance with the particulate emission limits of LAC 33:III.2301.D.1.b by a scrubbing device employing fresh water as the scrubbing medium make up will be accepted as evidence of adequate TRS control. [LAC 33:III.2301.D.3.f]
- Which Months: All Year Phases: Phase I Statistical Basis: Twelve-hour average
- 43 Achieve final compliance with the provisions of LAC 33:III.2301.D.3 as expeditiously as practicable but not more than six years from the effective date of LAC 33:III.2301.  
[LAC 33:III.2301.D.3.i], Phases: Phase I  
Phases: Phase I
- 44 Compliance with the Federal MACT requirements is considered to be State MACT. [LAC 33:III.51.09.A], Phases: Phase I  
Phases: Phase I
- 45 Particulate matter (10 microns or less) <= 0.20 lb/ton (0.10 kg/Mg) of black liquor solids fired. Subpart MM. [40 CFR 63.862(a)(1)(i)(B)]  
Which Months: All Year Phases: Phase I Statistical Basis: None specified
- 46 Flow rate monitored by flow rate monitoring device once every 15 minutes. Monitor the scrubbing liquid flow rate using the procedures in 40 CFR 63.8(c), as well as the procedures specified in paragraphs 40 CFR 63.864(e)(1)(i) and (ii). Subpart MM. [40 CFR 63.864(e)(1)(i)]  
Which Months: All Year Phases: Phase I Statistical Basis: None specified
- 47 Pressure drop monitored by pressure drop instrument once every 15 minutes across the scrubber, using the procedures in 40 CFR 63.8(c), as well as the procedures specified in paragraphs 40 CFR 63.864(e)(1)(i) and (ii). Subpart MM. [40 CFR 63.864(e)(1)(i)]  
Which Months: All Year Phases: Phase I Statistical Basis: None specified
- 48 Flow rate recordkeeping by continuous parameter monitoring system (CPMS) once every 15 minutes. Record the scrubbing liquid flow rate. Subpart MM. [40 CFR 63.864(e)(1)(i)]  
Phases: Phase I
- 49 Pressure drop recordkeeping by continuous parameter monitoring system (CPMS) once every 15 minutes across the scrubber. Subpart MM. [40 CFR 63.864(e)(1)(i)]  
Phases: Phase I
- 50 Implement corrective action, as specified in the startup, shutdown and malfunction plan prepared under 63.866(a); if the monitoring exceedances in 40 CFR 63.864(k)(1)(i) through (k)(1)(vi) occur. Subpart MM. [40 CFR 63.864(k)(1)], Phases: Phase I  
Phases: Phase I
- 51 Conduct an initial performance test using the test methods and procedures listed in 40 CFR 63.7 and 40 CFR 63.865(h), except as provided in 40 CFR 63.865(c)(1). Subpart MM. [40 CFR 63.865], Phases: Phase I  
Phases: Phase I

## SPECIFIC REQUIREMENTS

AI ID: 2645 - Weyerhaeuser Co - Red River Mill  
Activity Number: PER19960001  
Permit Number: 1980-00004-V0  
Air - Title V Regular Permit Initial

### EQT004 02 - Smelt Dissolving Tank No. 1 (Phase I)

52 Determine compliance using the test methods and procedures specified in 40 CFR 63.865(a) through (d). Subpart MM. [40 CFR 63.865], Phases: Phase I

Phases: Phase I

53 Develop and implement a written startup, shutdown, and malfunction plan as described in 40 CFR 63.6(e)(3) that contains specific procedures to be followed for operating the source and maintaining the source during periods of startup, shutdown, and malfunction, and a program of corrective action for malfunctioning process and control systems used to comply with the standards. In addition to the information required in 40 CFR 63.6(e), include the requirements in paragraphs 40 CFR 63.866(a)(1) and (2). Subpart MM. [40 CFR 63.866(a)], Phases: Phase I

Phases: Phase I

54 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of any occurrence when corrective action is required under 40 CFR 63.864(k)(1) and when a violation is noted under 40 CFR 63.864(k)(2). Subpart MM. [40 CFR 63.866(b)]

Phases: Phase I

55 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain the general records required by 40 CFR 63.10(b)(2), and the information specified in 40 CFR 63.866(c)(1) through (c)(6). Subpart MM. [40 CFR 63.866(c)]

Phases: Phase I

56 Submit the applicable notifications from 40 CFR 63, Subpart A, as specified in 40 CFR 63, Subpart MM, Table 1. Subpart MM. [40 CFR 63.867(a)(1)], Phases: Phase I

Phases: Phase I

57 Submit notification: Due to DEQ before any of the actions in 40 CFR 63.867(b)(3)(i) through (b)(3)(iv) are taken. Subpart MM. [40 CFR 63.867(b)(3)], Phases: Phase I

Phases: Phase I

58 Submit excess emissions report Due semiannually when no exceedances of parameters have occurred. Include a statement that no excess emissions occurred during the reporting period. Subpart MM. [40 CFR 63.867(c)(1)], Phases: Phase I

Phases: Phase I

59 Submit excess emissions report Due quarterly if measured parameters meet any of the conditions specified in 40 CFR 63.864(k)(1) or (k)(2). Include the information specified in 40 CFR 63.10(c) as well as the number and duration of occurrences when the source met or exceeded the conditions in 40 CFR 63.864(k)(1), and the number and duration of occurrences when the source met or exceeded the conditions in 40 CFR 63.864(k)(2). Subpart MM. [40 CFR 63.867(c)], Phases: Phase I

Phases: Phase I

### EQT005 03 - Power Boiler (All Phases)

60 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator; equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

61 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

62 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. (MACT is determined to be compliance with the Federal MACT). [LAC:33:III.5109.A]

63 Federal MACT shall be compliance with the applicable provisions of 40 CFR 63 Subpart DDDDD by the compliance date published in the rule. [40 CFR 63.7495(b)]

### EQT006 04 - Recovery Boiler No. 2 (Phase I)

## SPECIFIC REQUIREMENTS

AI ID: 2645 - Weyerhaeuser Co - Red River Mill  
Activity Number: PER19960001  
Permit Number: 1980-00004-V0  
Air - Title V Regular Permit Initial

### **EQT006      04 - Recovery Boiler No. 2 (Phase I)**

- 64 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III, Chapter 1.5. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- Phases: Phase I
- 65 Particulate matter (10 microns or less) <= 4.0 lb/equivalent pulp ton, (2.0 kilograms per equivalent pulp metric ton). [LAC 33:III.2301.D.1.a]
- Which Months: All Year Phases: Phase I Statistical Basis: Twelve-hour average
- 66 Do not exceed the limits set forth in LAC 33:III.1503.C. [LAC 33:III.2301.D.2], Phases: Phase I
- Phases: Phase I
- 67 Total reduced sulfur <= 5 ppm. [LAC 33:III.2301.D.3.a.i]
- Which Months: All Year Phases: Phase I Statistical Basis: Twelve-hour average
- 68 Achieve final compliance with the provisions of LAC 33:III.2301.D.3 as practicable but not more than six years from the effective date of LAC 33:III.2301.
- [LAC 33:III.2301.D.3.i], Phases: Phase I
- Phases: Phase I
- 69 Submit test results; Due to the Office of Environmental Assessment, Environmental Technology Division as specified in LAC 33:III.919 and 918. Submit the results of the source test. [LAC 33:III.2301.D.4.a], Phases: Phase I
- Phases: Phase I
- 70 Total suspended particulate monitored by the regulation's specified method(s) at the regulation's specified frequency. Conduct source tests pursuant to the provisions in LAC 33:III.1503.D.2, Table 4, to confirm particulate emissions are less than that specified in LAC 33:III.2301.D.1. Conduct four tests at six month intervals within 24 months of promulgation of LAC 33:III.2301, and one test annually thereafter. [LAC 33:III.2301.D.4.a], Phases: Phase I
- Phases: Phase I
- 71 Opacity <= 40 percent, except for one 6-minute period in any 60 consecutive minutes. [LAC 33:III.2301.D.4]
- Which Months: All Year Phases: Phase I Statistical Basis: Six-minute average
- 72 Compliance with the Federal MACT requirements is considered to be State MACT. [LAC 33:III.5109.A], Phases: Phase I
- Phases: Phase I
- 73 Particulate matter (10 microns or less) <= 0.044 gr/dscf (0.10 g/dscm), corrected to 8 percent oxygen. Subpart MM..[40 CFR 63.862(a)(1)(i)(A)]
- Which Months: All Year Phases: Phase I Statistical Basis: None specified
- 74 Opacity monitored by continuous opacity monitor (COM) continuously. Ensure that each COM is operated according to the provisions in 40 CFR 63.6(h) and 40 CFR 63.8, and complies a minimum of one cycle of sampling and analyzing for each successive 10-second period as specified in 40 CFR 63.8(c)(4)(i). Reduce the COMS data as specified in 40 CFR 63.8(g)(2). Subpart MM. [40 CFR 63.864(d)]
- Which Months: All Year Phases: Phase I Statistical Basis: None specified
- 75 Opacity recordkeeping by continuous opacity monitor (COM) continuously. Subpart MM. [40 CFR 63.864(d)]
- Phases: Phase I
- 76 Implement corrective action, as specified in the startup, shutdown and malfunction plan prepared under 63.866(a), if the monitoring exceedances in 40 CFR 63.864(k)(1)(i) through (k)(1)(vi) occur. Subpart MM. [40 CFR 63.864(k)(1)], Phases: Phase I
- Phases: Phase I
- 77 Conduct an initial performance test using the test methods and procedures listed in 40 CFR 63.7 and 40 CFR 63.865(b), except as provided in 40 CFR 63.865(c)(1). Subpart MM. [40 CFR 63.865], Phases: Phase I
- Phases: Phase I

## SPECIFIC REQUIREMENTS

AI ID: 2645 - Weyerhaeuser Co - Red River Mill  
Activity Number: PER19960001  
Permit Number: 1980-00004-V0  
Air - Title V Regular Permit Initial

### EQT006 04 - Recovery Boiler No. 2 (Phase I)

- 78 Determine compliance using the test methods and procedures specified in 40 CFR 63.865(a) through (d). Subpart MM. [40 CFR 63.865], Phases: Phase I
- 79 Develop and implement a written startup, shutdown, and malfunction plan as described in 40 CFR 63.6(e)(3) that contains specific procedures to be followed for operating the source and maintaining the source during periods of startup, shutdown, and malfunction, and a program of corrective action for malfunctioning process and control systems used to comply with the standards. In addition to the information required in 40 CFR 63.6(e), include the requirements in paragraphs 40 CFR 63.866(a)(1) and (2). Subpart MM. [40 CFR 63.866(a)], Phases: Phase I
- Phases: Phase I
- 80 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of any occurrence when corrective action is required under 40 CFR 63.864(k)(1) and when a violation is noted under 40 CFR 63.864(k)(2). Subpart MM. [40 CFR 63.866(b)]
- Phases: Phase I
- 81 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain the general records required by 40 CFR 63.10(b)(2), and the information specified in 40 CFR 63.866(c)(1) through (c)(6). Subpart MM. [40 CFR 63.866(c)]
- Phases: Phase I
- 82 Submit the applicable notifications from 40 CFR 63, Subpart A, as specified in 40 CFR 63, Subpart MM, Table 1. Subpart MM. [40 CFR 63.867(a)(1)], Phases: Phase I
- Phases: Phase I
- 83 Submit notification Due to DEQ before any of the actions in 40 CFR 63.867(b)(3)(i) through (b)(3)(iv) are taken. Subpart MM. [40 CFR 63.867(b)(3)], Phases: Phase I
- Phases: Phase I
- 84 Submit excess emissions report Due semiannually when no exceedances of parameters have occurred. Include a statement that no excess emissions occurred during the reporting period. Subpart MM. [40 CFR 63.867(c)(1)], Phases: Phase I
- Phases: Phase I
- 85 Submit excess emissions report Due quarterly if measured parameters meet any of the conditions specified in 40 CFR 63.864(k)(1) or (k)(2). Include the information specified in 40 CFR 63.10(c) as well as the number and duration of occurrences when the source met or exceeded the conditions in 40 CFR 63.864(k)(1), and the number and duration of occurrences when the source met or exceeded the conditions in 40 CFR 63.864(k)(2). Subpart MM. [40 CFR 63.867(c)], Phases: Phase I
- Phases: Phase I
- 86 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III, Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III,1513]
- Phases: Phase I
- 87 Do not exceed the limits set forth in LAC 33:III,1503:C. [LAC 33:III,2301.D.2], Phases: Phase I
- Phases: Phase I
- 88 Total reduced sulfur  $\leq 0.016 \text{ g/kg}$  of black liquor solids fired. Alternatively, compliance with the particulate emission limits of LAC 33:III,2301.D.1.b by a scrubbing device employing fresh water as the scrubbing medium make up will be accepted as evidence of adequate TRS control. [LAC 33:III,2301.D.3,f]
- Which Months: All Year Phases: Phase I Statistical Basis: Twelve-hour average
- 89 Achieve final compliance with the provisions of LAC 33:III,2301.D.3 as expeditiously as practicable but not more than six years from the effective date of LAC 33:III,2301.
- [LAC 33:III,2301.D.3,i], Phases: Phase I
- Phases: Phase I

### EQT007 05 - Smelt Dissolving Tank No. 2 (Phase I)

- 86 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III, Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III,1513]
- Phases: Phase I
- 87 Do not exceed the limits set forth in LAC 33:III,1503:C. [LAC 33:III,2301.D.2], Phases: Phase I
- Phases: Phase I
- 88 Total reduced sulfur  $\leq 0.016 \text{ g/kg}$  of black liquor solids fired. Alternatively, compliance with the particulate emission limits of LAC 33:III,2301.D.1.b by a scrubbing device employing fresh water as the scrubbing medium make up will be accepted as evidence of adequate TRS control. [LAC 33:III,2301.D.3,f]
- Which Months: All Year Phases: Phase I Statistical Basis: Twelve-hour average
- 89 Achieve final compliance with the provisions of LAC 33:III,2301.D.3 as expeditiously as practicable but not more than six years from the effective date of LAC 33:III,2301.
- [LAC 33:III,2301.D.3,i], Phases: Phase I
- Phases: Phase I

## SPECIFIC REQUIREMENTS

AJ ID: 2645 - Weyerhaeuser Co - Red River Mill  
Activity Number: PER19960001  
Permit Number: 1980-00004-V0  
Air - Title V Regular Permit Initial

### EQT007 05 - Smelt Dissolving Tank No. 2 (Phase I)

- 90 Compliance with the Federal MACT requirements is considered to be State MACT. [LAC 33:III.5109.A], Phases: Phase I  
Phases: Phase I
- 91 Particulate matter (1.0 microns or less) <= 0.20 lb/ton (0.10 kg/Mg) of black liquor solids fired. Subpart MM. [40 CFR 63.862(a)(1)(i)(B)]  
Which Months: All Year Phases: Phase I Statistical Basis: None specified
- 92 Flow rate monitored by flow rate monitoring device once every 15 minutes. Monitor the scrubbing liquid flow rate using the procedures in 40 CFR 63.8(e), as well as the procedures specified in paragraphs 40 CFR 63.864(e)(1)(0)(i) and (ii). Subpart MM. [40 CFR 63.864(e)(1)(0)]  
Which Months: All Year Phases: Phase I Statistical Basis: None specified
- 93 Pressure drop monitored by pressure drop instrument once every 15 minutes across the scrubber using the procedures in 40 CFR 63.8(e), as well as the procedures specified in paragraphs 40 CFR 63.864(e)(1)(0)(i) and (ii). Subpart MM. [40 CFR 63.864(e)(1)(0)]  
Which Months: All Year Phases: Phase I Statistical Basis: None specified
- 94 Flow rate recordkeeping by continuous parameter monitoring system (CPMS) once every 15 minutes. Record the scrubbing liquid flow rate. Subpart MM. [40 CFR 63.864(e)(1)(0)]  
Phases: Phase I
- 95 Pressure drop recordkeeping by continuous parameter monitoring system (CPMS) once every 15 minutes across the scrubber. Subpart MM. [40 CFR 63.864(e)(1)(0)]  
Phases: Phase I
- 96 Implement corrective action, as specified in the startup, shutdown and malfunction plan prepared under 63.866(a), if the monitoring exceedances in 40 CFR 63.864(k)(1)(i) through (k)(1)(vi) occur. Subpart MM. [40 CFR 63.864(k)(1)], Phases: Phase I  
Phases: Phase I
- 97 Conduct an initial performance test using the test methods and procedures listed in 40 CFR 63.7 and 40 CFR 63.865(b), except as provided in 40 CFR 63.865(c)(1). Subpart MM. [40 CFR 63.865], Phases: Phase I  
Phases: Phase I
- 98 Determine compliance using the test methods and procedures specified in 40 CFR 63.865(a) through (d). Subpart MM. [40 CFR 63.865], Phases: Phase I  
Phases: Phase I
- 99 Develop and implement a written startup, shutdown, and malfunction plan as described in 40 CFR 63.6(e)(3) that contains specific procedures to be followed for operating the source and maintaining the source during periods of startup, shutdown, and malfunction, and a program of corrective action for malfunctioning process and control systems used to comply with the standards. In addition to the information required in 40 CFR 63.6(e), include the requirements in paragraphs 40 CFR 63.866(a)(1) and (2). Subpart MM. [40 CFR 63.866(a)]. Phases: Phase I  
Phases: Phase I
- 100 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of any occurrence when corrective action is required under 40 CFR 63.864(k)(1) and when a violation is noted under 40 CFR 63.864(k)(2). Subpart MM. [40 CFR 63.866(b)]  
Phases: Phase I
- 101 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain the general records required by 40 CFR 63.10(b)(2), and the information specified in 40 CFR 63.866(c)(1) through (c)(6). Subpart MM. [40 CFR 63.866(c)]  
Phases: Phase I
- 102 Submit the applicable notifications from 40 CFR 63, Subpart A, as specified in 40 CFR 63, Subpart MM, Table 1. Subpart MM. [40 CFR 63.867(a)(1)], Phases: Phase I  
Phases: Phase I
- 103 Submit notification: Due to DEQ before any of the actions in 40 CFR 63.867(b)(3)(i) through (b)(3)(iv) are taken. Subpart MM. [40 CFR 63.867(b)(3)], Phases: Phase I  
Phases: Phase I

## SPECIFIC REQUIREMENTS

AI ID: 2645 - Weyerhaeuser Co - Red River Mill  
Activity Number: PER19960001  
Permit Number: 1980-00004-V0  
Air - Title V Regular Permit Initial

### EQT007 05 - Smelt Dissolving Tank No. 2 (Phase I)

- 104 Submit documentation. Due before performing the actions in 40 CFR 63.867(b)(3)(i) or (ii). Recalculate the overall PM emissions limit for the group of process units and resubmit the documentation required in 40 CFR 63.867(b)(2) to the DEQ. Subpart MM. [40 CFR 63.867(b)(4)]. Phases: Phase I
- Phases: Phase I
- 105 Submit the PM emissions limits determined in 40 CFR 63.865(a) and the calculation and supporting documentation used in 40 CFR 63.865(a)(1) and (a)(2) to DEQ as part of the notification of compliance status required under 40 CFR 63 Subpart A. Subpart MM. [40 CFR 63.867(b)]. Phases: Phase I
- Phases: Phase I
- 106 Submit excess emissions report. Due semiannually when no exceedances of parameters have occurred. Include a statement that no excess emissions occurred during the reporting period. Subpart MM. [40 CFR 63.867(c)(1)]. Phases: Phase I
- Phases: Phase I
- 107 Submit excess emissions report. Due quarterly if measured parameters meet any of the conditions specified in 40 CFR 63.864(k)(1) or (k)(2). Include the information specified in 40 CFR 63.10(c) as well as the number and duration of occurrences when the source met or exceeded the conditions in 40 CFR 63.864(k)(1), and the number and duration of occurrences when the source met or exceeded the conditions in 40 CFR 63.864(k)(2). Subpart MM. [40 CFR 63.867(c)]. Phases: Phase I
- Phases: Phase I

### EQT008 06 - Lime Kiln (Phase I); Backup Lime Kiln (Phase II)

- 108 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33.III.1101.B]
- Which Months: All Year Statistical Basis: None specified
- 109 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33.III.Chapter 1.5. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33.III.1513]
- 110 Total suspended particulate <= 1.0 lb/equivalent pulp ton (0.5 kg/equivalent pulp metric ton). [LAC 33.III.2301.D.1.c]
- Which Months: All Year Statistical Basis: Twelve-hour average
- 111 Do not exceed the limits set forth in LAC 33.III.1503.C. [LAC 33.III.2301.D.2]
- 112 Total reduced sulfur <= 20 ppm. [LAC 33.III.2301.D.3.d]
- Which Months: All Year Statistical Basis: Twelve-hour average
- 113 Achieve final compliance with the provisions of LAC 33.III.2301.D.3 as expeditiously as practicable but not more than six years from the effective date of LAC 33.III.2301.
- [LAC 33.III.2301.D.3.i]
- 114 Compliance with the Federal MACT requirements is considered to be State MACT. [LAC 33.III.5109.A]
- 115 Particulate matter (10 microns or less) <= 0.064 gridscf(0.15 g/dsecm) corrected to 10 percent oxygen. Subpart MM. [40 CFR 63.862(a)(1)(i)(C)]
- Which Months: All Year Statistical Basis: None specified
- 116 Flow rate monitored by flow rate monitoring device once every 15 minutes. Monitor the scrubbing liquid flow rate using the procedures in 40 CFR 63.8(c), as well as the procedures specified in paragraphs 40 CFR 63.864(e)(1)(i) and (ii). Subpart MM. [40 CFR 63.864(e)(1)(i)]
- Which Months: All Year Statistical Basis: None specified
- 117 Flow rate recordkeeping by continuous parameter monitoring system (CPMS) once every 15 minutes. Record the scrubbing liquid flow rate. Subpart MM. [40 CFR 63.864(e)(1)(i)]

## SPECIFIC REQUIREMENTS

AI ID: 2645 - Weyerhaeuser Co - Red River Mill  
Activity Number: PER19960001  
Permit Number: 1980-00004-V0  
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### EQT008 06 - Lime Kiln (Phase I); Backup Lime Kiln (Phase II)

- 118 Pressure drop monitored by pressure drop instrument once every 1.5 minutes across the scrubber using the procedures in 40 CFR 63.8(c), as well as the procedures specified in paragraphs 40 CFR 63.864(e)(10)(i) and (ii). Subpart MM. [40 CFR 63.864(e)(10)]  
Which Months: All Year Statistical Basis: None specified
- 119 Pressure drop recordkeeping by continuous parameter monitoring system (CPMS) once every 15 minutes across the scrubber. Subpart MM. [40 CFR 63.864(c)(10)]  
through (k)(1)(vi) occur. Subpart MM. [40 CFR 63.864(k)(1)]
- 120 Implement corrective action, as specified in the startup, shutdown and malfunction plan prepared under 63.866(a), if the monitoring exceedances in 40 CFR 63.864(k)(1)(i)
- 121 Conduct an initial performance test using the test methods and procedures listed in 40 CFR 63.7 and 40 CFR 63.865(b), except as provided in 40 CFR 63.865(c)(1). Subpart MM. [40 CFR 63.865]
- 122 Conduct an initial performance test using the test methods and procedures listed in 40 CFR 63.7 and 40 CFR 63.865(b), except as provided in 40 CFR 63.865(c)(1). Subpart MM. [40 CFR 63.865]
- 123 Determine compliance using the test methods and procedures specified in 40 CFR 63.865(a) through (d). Subpart MM. [40 CFR 63.865]
- 124 Develop and implement a written startup, shutdown, and malfunction plan as described in 40 CFR 63.6(e)(3) that contains specific procedures to be followed for operating the source and maintaining the source during periods of startup, shutdown, and malfunction, and a program of corrective action for malfunctioning process and control systems used to comply with the standards. In addition to the information required in 40 CFR 63.6(e), include the requirements in paragraphs 40 CFR 63.866(a)(1) and (2). Subpart MM. [40 CFR 63.866(a)]
- 125 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of any occurrence when corrective action is required under 40 CFR 63.864(k)(1) and when a violation is noted under 40 CFR 63.864(k)(2). Subpart MM. [40 CFR 63.866(b)]
- 126 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain the general records required by 40 CFR 63.10(b)(2), and the information specified in 40 CFR 63.866(c)(1) through (c)(6). Subpart MM. [40 CFR 63.866(c)]
- 127 Submit the applicable notifications from 40 CFR 63, Subpart MM, Table I. Subpart MM. [40 CFR 63.867(a)(1)]
- 128 Submit notification. Due to DEQ before any of the actions in 40 CFR 63.867(b)(3)(i) through (b)(3)(iv) are taken. Subpart MM. [40 CFR 63.867(b)(3)]
- 129 Submit excess emissions report. Due semiannually when no exceedances of parameters have occurred. Include a statement that no excess emissions occurred during the reporting period. Subpart MM. [40 CFR 63.867(c)(1)]
- 130 Submit excess emissions report. Due quarterly if measured parameters meet any of the conditions specified in 40 CFR 63.864(k)(1) or (k)(2). Include the information specified in 40 CFR 63.10(c) as well as the number and duration of occurrences when the source met or exceeded the conditions in 40 CFR 63.864(k)(1), and the number and duration of occurrences when the source met or exceeded the conditions in 40 CFR 63.864(k)(2). Subpart MM. [40 CFR 63.867(c)]

### EQT009 07 - Hogged Fuel Boiler No. 1 (All Phases)

- 131 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or trapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]
- Which Months: All Year Statistical Basis: None specified
- 132 Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]
- Which Months: All Year Statistical Basis: None specified
- 133 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1511]
- 134 Comply with LAC 33:III.1313. [LAC 33:III.2301.D].d]
- 135 Do not exceed the limits set forth in LAC 33:III.1503.C. [LAC 33:III.2301.D.2]

## SPECIFIC REQUIREMENTS

AI ID: 2645 - Weyerhaeuser Co - Red River Mill  
Activity Number: PER19960001  
Permit Number: 1980-00004-V0  
Air - Title V Regular Permit Initial

### **EQT009 07 - Hogged Fuel Boiler No. 1 (All Phases)**

- 1.36 Achieve final compliance with the provisions of LAC 33:III.2301.D.3 as expeditiously as practicable but not more than six years from the effective date of LAC 33:III.2301.  
[LAC 33:III.2301.D.3.i]
- 1.37 Operating time monitored by technically sound method continuously. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: None specified  
Submit report: Due annually, by the 31 st of March. Report the total operating time for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division  
Division. [LAC 33:III.501.C.6]
- 1.39 Operating time <= 504 hr/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total operating time exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: None specified
- 1.40 Operating time recordkeeping by electronic or hard copy monthly. Keep records of the total operating time each month, as well as the total operating time for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
- 1.41 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. (MACT is determined to be compliance with the Federal MACT). [LAC 33:III.5109.A]
- 1.42 Federal MACT shall be compliance with the applicable provisions of 40 CFR 63 Subpart DDDDD by the compliance date published in the rule. [40 CFR 63.7495(b)]

### **EQT011 09 - Hogged Fuel Boiler No. 2 (All Phases)**

- 1.43 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, changing of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]  
Which Months: All Year Statistical Basis: None specified
- 1.44 Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]  
Which Months: All Year Statistical Basis: None specified
- 1.45 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 1.46 Comply with LAC 33:III.1313. [LAC 33:III.2301.D.1.d]
- 1.47 Do not exceed the limits set forth in LAC 33:III.1503.C. SO2 limits in PSD-LA-562(M-1) and PSD-LA-562(M-2) are more stringent. [LAC 33:III.2301.D.2]
- 1.48 Achieve final compliance with the provisions of LAC 33:III.2301.D.3 as expeditiously as practicable but not more than six years from the effective date of LAC 33:III.2301.  
[LAC 33:III.2301.D.3.i]
- 1.49 BACT determination in PSD-LA-562(M-2):  
PM10: 0.025 lb/MM BTU. BACT controls: Electrostatic Precipitator  
SO2: 0.015 lb/MM BTU.  
NOX: 0.15 lb/MM BTU. BACT controls: Selective Non-Catalytic Reduction  
VOC: 0.01 lb/MM BTU. BACT controls: Optimized Combustion. [LAC 33:III.509], Phases: Phase II  
Phases: Phase II

## SPECIFIC REQUIREMENTS

AJ ID: 2645 - Weyerhaeuser Co - Red River Mill  
Activity Number: PER19960001  
Permit Number: 1980-00004-V0  
Air - Title V Regular Permit Initial

### **09 - Hogged Fuel Boiler No. 2 (All Phases)**

150 Permittee shall establish and maintain a record of natural gas usage for EQT 11, 09 - Hogged Fuel Boiler No. 2, to ensure the annual capacity factor for natural gas does not exceed 10 percent. Should natural gas usage exceed the annual capacity factor of 10 percent, the permittee shall within ninety days perform compliance testing for NOX by a continuous monitoring system over a 30 day operating period as prescribed under 40 CFR 60.46b. Permittee shall include a summary of the natural gas usage in EQT 11, 09 - Hogged Fuel Boiler No. 2, In an annual report to the Office of Environmental Assessment, Environmental Technology Division, due by March 31 for the preceding calendar year. [LAC 33:III.509]

151 Existing BACT determination:

SO2: 14.1 lb/hr; 61.76 TPY

NOX: 286.1 lb/hr; 1253.2 TPY

CO: 286.1 lb/hr; 1253.2 TPY

VOC: 94.0 lb/hr; 411.7 TPY. [LAC 33:III.509], Phases: Phase I

Phases: Phase I

152 Opacity <= 20 percent, except for one 6-minute period per hour of not more than 27% opacity. The opacity standards apply at all times, except during periods of startup, shutdown, or malfunction. Subpart Db. [40 CFR 60.43b(d)]

Which Months: All Year Statistical Basis: Six-minute average

153 Particulate matter (10 microns or less) <= 0.085 lb/MMBTU (37 ng/J) heat input. The particulate matter standards apply at all times, except during periods of startup, shutdown, or malfunction. Subpart Db. (BACT limits are more stringent.). [40 CFR 60.43b(h)(4)], Phases: Phase II

Phases: Phase II

154 Particulate matter (10 microns or less) <= 0.20 lb/MMBTU (86 ng/J) heat input. The particulate matter standards apply at all times, except during periods of startup, shutdown, or malfunction. Subpart Db. [40 CFR 60.43b(j)]

Which Months: All Year Phases: Phase I Statistical Basis: None specified

155 Conduct an initial performance test as required under 40 CFR 60.8 to demonstrate compliance with the particulate matter emission limits and opacity limits under 40 CFR 60.43b following the procedures and reference methods specified in 40 CFR 60.46b(d)(1) through (d)(7). Subpart Db. [40 CFR 60.46b(d)]

156 Opacity recordkeeping by continuous opacity monitor (COM) continuously. Subpart Db. [40 CFR 60.48b(a)]

157 Opacity monitored by continuous opacity monitor (COM) continuously. Subpart Db. [40 CFR 60.48b(a)]

Which Months: All Year Statistical Basis: Six-minute average

158 Follow the procedures under 40 CFR 60.13 and 40 CFR 60.48b(e)(1) through (e)(3) for installation, evaluation, and operation of the NOx and opacity continuous monitoring systems. Subpart Db. [40 CFR 60.48b(e)]

159 Submit a notification of the actual date of initial startup including design heat input capacity of the affected facility, and all other data as specified in 40 CFR 60.49(b)(1) through (a)(4). Subpart Db. [40 CFR 60.49b(a)]

160 Submit the performance test data from the initial performance test and the performance evaluation of the CEMS using the applicable performance specifications in 40 CFR 60 Appendix B to DEQ. Subpart Db. [40 CFR 60.49b(b)]

161 Fuel rate recordkeeping by electronic or hard copy daily. Record the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for the reporting period. Determine the annual capacity factor on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month. Subpart Db. [40 CFR 60.49b(d)]

162 Opacity recordkeeping by electronic or hard copy continuously. Subpart Db. [40 CFR 60.49b(f)]

163 Maintain all records required under 40 CFR 60.49b for a period of 2 years following the date of such record. Subpart Db. [40 CFR 60.49b(o)]

164 Federal MACT shall be compliance with the applicable provisions of 40 CFR 63 Subpart DDDDD by the compliance date published in the rule. [40 CFR 63.7495(b)]

## SPECIFIC REQUIREMENTS

AI ID: 2645 - Weyerhaeuser Co - Red River Mill  
Activity Number: PER199960001  
Permit Number: 1980-00004-V0  
Air • Title V Regular Permit Initial

### EQT012 10 - Old Digester System (Phase I)

- 165 Do not exceed the limits set forth in LAC 33.III.1503.C. [LAC 33.III.2301.D.2], Phases: Phase I  
Phases: Phase I
- 166 Compliance with the Federal MACT requirements is considered to be State MACT. [LAC 33.III.5109.A], Phases: Phase I  
Phases: Phase I
- 167 Permittee shall control the total HAP emissions from each LVHC system for existing pulping systems using the kraft process. [40 CFR 63.443(a)(1)(i)], Phases: Phase I  
Phases: Phase I
- 168 Enclose any equipment system listed in 40 CFR 63.443(a) or (b), vent into a closed-vent system, and route to a control device that meets the requirements specified in 40 CFR 63.443(d). Subpart S. [40 CFR 63.443(c)], Phases: Phase I  
Phases: Phase I
- 169 Ensure that this control device reduces total HAP emissions using a boiler, lime kiln, or recovery furnace by introducing the HAP emission stream with the primary fuel or into the flame zone. Subpart S. [40 CFR 63.443(d)(4)(i)], Phases: Phase I  
Phases: Phase I
- 170 Periods of excess emissions reported under 40 CFR 63.455 shall not be a violation of 40 CFR 63.443(c) & (d) provided that the time of excess emissions (excluding periods of startup, shutdown, or malfunction) divided by the total process operating time in a semi-annual reporting period does not exceed the following levels:
  - (1) 1 % for control devices used to reduce the total HAP emissions from the LVHC system;
  - (2) 4 % for control devices used to reduce the total HAP emissions from the HVLC system;
  - (3) 4 % for control devices used to reduce the total HAP emissions from both the LVHC and HVLC systems[40 CFR 63.443(e)], Phases: Phase I  
Phases: Phase I
- 171 Ensure that each closed collection system meets the individual drain system requirements specified in 40 CFR 63.960, 63.961, and 63.962 of subpart RR, except design and operate closed vent systems and control devices in accordance with 40 CFR 63.443(d) and 63.450, instead of in accordance with 40 CFR 63.693 as specified in 40 CFR 63.962(a)(3)(ii), (b)(3)(ii)(A), and (b)(5)(iii). Subpart S. [40 CFR 63.446(d)(1)], Phases: Phase I  
Phases: Phase I
- 172 Condensate tank: Ensure that the fixed roof and all openings (e.g., access hatches, sampling ports, gauge wells) are designed and operated with no detectable leaks as indicated by an instrument reading of less than 500 parts per million above background, and vented into a closed-vent system that meets the requirements in 40 CFR 63.450 and routed to a control device that meets the requirements in 40 CFR 63.443(d). Subpart S. [40 CFR 63.446(d)(2)(i)], Phases: Phase I  
Phases: Phase I
- 173 Condensate tank: Maintain each opening in a closed, sealed position (e.g., covered by a lid that is gasketed and latched) at all times that the tank contains pulping process condensates or any HAP removed from a pulping process condensate stream except when it is necessary to use the opening for sampling, removal, or for equipment inspection, maintenance, or repair. Subpart S. [40 CFR 63.446(d)(2)(ii)], Phases: Phase I  
Phases: Phase I
- 174 Convey the pulping process condensates in a closed collection system that is designed and operated to meet the requirements specified in 40 CFR 63.446(d)(1) and (d)(2).  
Subpart S. [40 CFR 63.446(d)], Phases: Phase I  
Phases: Phase I
- 175 Treat the pulping process condensates to remove 3.3 kilograms or more of total HAP per megagram (6.6 pounds per ton) of ODP. Subpart S. [40 CFR 63.446(e)(4)], Phases: Phase I  
Phases: Phase I

## SPECIFIC REQUIREMENTS

AJ ID: 2645 - Weyerhaeuser Co - Red River Mill  
Activity Number: PER19960001  
Permit Number: 1980-00004-V0  
Air - Title V Regular Permit Initial

### EQT012 10 - Old Digester System (Phase I)

- 176 Control each HAP removed from a pulping process condensate stream during treatment and handling under 40 CFR 63.446(d) or (e), except for those treated according to 40 CFR 63.446(c)(2), as specified in 40 CFR 63.443(c) and (d). Subpart S. [40 CFR 63.446(f)], Phases: Phase I
- Phases: Phase I
- 177 Evaluate all new or modified pulping process condensates or changes in the annual bleached or non-bleached ODP used to comply with 40 CFR 63.446(i), to determine if they meet the applicable requirements of 40 CFR 63.446. Subpart S. [40 CFR 63.446(h)], Phases: Phase I
- Phases: Phase I
- 178 Closed-vent System Ensure that each component is designed for and operated with no detectable leaks as indicated by an instrument reading of less than 500 parts per million by volume above background, as measured by the procedures specified in 40 CFR 63.457(d). Subpart S. [40 CFR 63.450(c)], Phases: Phase I
- Phases: Phase I
- 179 Closed-vent System (bypass lines): Flow monitored by flow indicator once every 15 minutes as specified in 40 CFR 63.454(c). Install the flow indicator in the bypass line in such a way as to indicate flow in the bypass line. Subpart S. [40 CFR 63.450(d)(1)]
- Which Months: All Year Phases: Phase I Statistical Basis: None specified
- 180 Closed-vent System (bypass lines): Flow recordkeeping by electronic or hard copy once every 15 minutes. Subpart S. [40 CFR 63.450(d)(1)]
- Phases: Phase I
- 181 Methanol monitored by CMS continuously. Measure the methanol outlet concentration. Subpart S. [40 CFR 63.453(h)]
- Which Months: All Year Phases: Phase I Statistical Basis: None specified
- 182 Methanol recordkeeping by recorder continuously. Record the methanol outlet concentration. Subpart S. [40 CFR 63.453(h)]
- Phases: Phase I
- 183 Equipment/operational data monitored by CMS continuously. Measure the appropriate parameters determined according to the procedures specified in 40 CFR 63.453(n) to comply with the condensate applicability requirements specified in 40 CFR 63.446(c). Subpart S. [40 CFR 63.453(i)]
- Which Months: All Year Phases: Phase I Statistical Basis: None specified
- 184 Equipment/operational data recordkeeping by recorder continuously. Record the appropriate parameters determined according to the procedures specified in 40 CFR 63.453(n) to comply with the condensate applicability requirements specified in 40 CFR 63.446(c). Subpart S. [40 CFR 63.453(i)]
- Phases: Phase I
- 185 Closed vent system: Seal or closure mechanism monitored by visual inspection/determination once every 30 days. Inspect the closure mechanism specified in 40 CFR 63.450(b) to ensure the opening is maintained in the closed position and sealed. Subpart S. [40 CFR 63.455(k)(1)]
- Which Months: All Year Phases: Phase I Statistical Basis: None specified
- 186 Closed vent system: Seal or closure mechanism recordkeeping by electronic or hard copy once every 30 days. Record the results of the enclosure opening closure mechanism inspection specified in 40 CFR 453(k)(1). Subpart S. [40 CFR 63.453(k)(1)]
- Phases: Phase I
- 187 Closed vent system: Equipment/operational data monitored by visual inspection/determination once every 30 days. Inspect every 30 days and at other times as requested by the DEQ. Include inspection of ductwork, piping, enclosures, and connections to covers for visible evidence of defects. Subpart S. [40 CFR 63.453(k)(2)]
- Which Months: All Year Phases: Phase I Statistical Basis: None specified
- 188 Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the inspection specified in 40 CFR 453(k)(2). Subpart S. [40 CFR 63.453(k)(2)]
- Phases: Phase I
- 189 Closed vent system: Presence of a leak monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually. Demonstrate no detectable leaks as specified in 40 CFR 63.450(c) measured by the procedures in 40 CFR 63.457(d), for positive pressure closed-vent systems or portions of closed-vent systems. Subpart S. [40 CFR 63.453(k)(3)]
- Which Months: All Year Phases: Phase I Statistical Basis: None specified

## SPECIFIC REQUIREMENTS

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### EQT012 10 - Old Digester System (Phase I)

- 190 Closed vent system: Presence of a leak recordkeeping by electronic or hard copy once initially and annually. Record the results of the demonstration of no detectable leaks specified in 40 CFR 453(k)(3). Subpart S. [40 CFR 63.453(k)(3)]  
Phases: Phase I
- 191 Closed vent system: Equipment/operational data monitored by the regulation's specified method(s) once initially and annually. Demonstrate that each enclosure opening is maintained at negative pressure using one of the procedures specified in 40 CFR 63.457(e)(1) through (e)(4). Subpart S. [40 CFR 63.453(k)(4)]  
Which Months: All Year Phases: Phase I Statistical Basis: None specified
- 192 Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record the results of the negative pressure demonstration specified in 40 CFR 453(k)(4). Subpart S. [40 CFR 63.453(k)(4)]  
Phases: Phase I
- 193 Closed vent system: Equipment/operational data monitored by technically sound method once every 30 days. Inspect the valve or closure mechanism specified in 40 CFR 63.450(d)(2) at least once every 30 days to ensure that the valve is maintained in the closed position and the emission point gas stream is not diverted through the bypass line. Subpart S. [40 CFR 63.453(k)(5)]  
Which Months: All Year Phases: Phase I Statistical Basis: None specified
- 194 Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the valve or closure mechanism inspection specified in 40 CFR 453(k)(5). Subpart S. [40 CFR 63.453(k)(5)]  
Phases: Phase I
- 195 Closed vent system: Take the corrective actions specified in 40 CFR 63.453(k)(6)(i) and (k)(6)(ii) as soon as practicable if an inspection required by 40 CFR 63.453(k)(1) through (k)(5) identifies visible defects in ductwork, piping, enclosures or connections to covers required by 40 CFR 63.450, or if an instrument reading of 500 parts per million by volume or greater above background is measured, or if enclosure openings are not maintained at negative pressure. Subpart S. [40 CFR 63.453(k)(6)], Phases: Phase I  
Phases: Phase I
- 196 Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the visual inspection specified in 40 CFR 63.453(l)(1) and the results of the inspections and monitoring required in 40 CFR 63.964 of Subpart RR. Subpart S. [40 CFR 63.453(l)(1)]  
Phases: Phase I
- 197 Individual Drain Systems: Equipment/operational data monitored by visual inspection/determination once every 30 days. Comply with the inspection and monitoring requirements specified in 40 CFR 63.964 of Subpart RR, except as specified in 40 CFR 63.453(l)(1)(i) and (l)(1)(ii). Subpart S. [40 CFR 63.453(l)(1)]  
Which Months: All Year Phases: Phase I Statistical Basis: None specified
- 198 Take the corrective actions specified in 40 CFR 63.964(b) of Subpart RR, if an inspection required by 40 CFR 63.453 identifies visible defects in the closed collection system, or if an instrument reading of 500 parts per million or greater above background is measured. Subpart S. [40 CFR 63.453(l)(3)], Phases: Phase I  
Phases: Phase I
- 199 Use the procedures specified in 40 CFR 63.453(n)(1) through (n)(4) to establish or reestablish the value for each operating parameter required to be monitored under 40 CFR 63.453(b) through (j), (l), and (m) or to establish appropriate parameters for 40 CFR 63.453(f), (i), (j)(2), and (m). Subpart S. [40 CFR 63.453(n)]. Phases: Phase I  
Phases: Phase I
- 200 Operate in a manner consistent with the minimum or maximum (as appropriate) operating parameter value or procedure required to be monitored under 40 CFR 63.453(a) through (n) and established under 40 CFR 63 Subpart S. Subpart S. [40 CFR 63.453(o)], Phases: Phase I  
Phases: Phase I
- 201 Comply with the recordkeeping requirements of 40 CFR 63.10, as shown in table I of Subpart S. Subpart S. [40 CFR 63.454(a)], Phases: Phase I  
Phases: Phase I

## SPECIFIC REQUIREMENTS

AJ ID: 2645 - Weyerhaeuser Co - Red River Mill  
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### EQT012 10 - Old Digester System (Phase I)

- 202 Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection of each applicable enclosure opening, closed-vent system, or closed collection system. Record the information specified in 40 CFR 63.454(b)(1) through (b)(12) for each inspection. Subpart S. [40 CFR 63.454(b)]  
Phases: Phase I
- 203 Enclosure opening, closed-vent system, and closed collection system: Prepare and maintain a site-specific inspection plan including a drawing or schematic of the components of applicable affected equipment. Subpart S. [40 CFR 63.454(b)], Phases: Phase I  
Phases: Phase I
- 204 Monitoring data recordkeeping by electronic or hard copy continuously. Record the CMS parameters specified in 40 CFR 63.453 and meet the requirements specified in 40 CFR 63.454(a) for any new affected process equipment or pulping process condensate stream that becomes subject to the standards in 40 CFR 63 Subpart S due to a process change or modification. Subpart S. [40 CFR 63.454(d)]  
Phases: Phase I
- 205 Closed-vent System (bypass lines): Flow indication recordkeeping by electronic or hard copy once every 15 minutes. Set the flow indicator on each bypass line specified in 40 CFR 63.450(d)(1) to provide a record of the presence of gas stream flow in the bypass line at least once every 15 minutes. Subpart S. [40 CFR 63.454(c)]  
Phases: Phase I
- 206 Comply with the reporting requirements of 40 CFR 63 Subpart A as specified in 40 CFR 63 Subpart S, table 1. Subpart S. [40 CFR 63.455(a)], Phases: Phase I  
Phases: Phase I
- 207 Submit the initial notification report specified under 40 CFR 63.9(b)(2) and 40 CFR 63.455(a). Submit a non-binding control strategy report containing, at a minimum, the information specified in 40 CFR 63.455(b)(1) through (b)(3) in addition to the information required in 40 CFR 63.9(b)(2). Update every two years thereafter.  
Subpart S. [40 CFR 63.455(b)], Phases: Phase I  
Phases: Phase I
- 208 Meet the requirements specified in 40 CFR 63.455(a) upon startup of any new affected process equipment or pulping process condensate stream that becomes subject to the standards of 40 CFR 63 Subpart S due to a process change or modification. Subpart S. [40 CFR 63.455(d)], Phases: Phase I  
Phases: Phase I
- 209 Determine compliance with the provisions of 40 CFR 63 Subpart S by using the test methods and procedures specified in 40 CFR 63.457(a) through (n), as applicable. Subpart S. [40 CFR 63.457], Phases: Phase I  
Phases: Phase I

### EQT014 11 - New Digester System (Phase I); Hardwood Digester System (Phase II)

- 210 Do not exceed the limits set forth in LAC 33.III.1.503.C. [LAC 33.III.1.2301.D.2]  
211 Compliance with the Federal MACT requirements is considered to be State MACT. [LAC 33.III.5109.A]  
212 Permittee shall control the total HAP emissions from each LVHC system for existing pulping systems using the kraft process. [40 CFR 63.443(a)(1)(i)]  
213 Enclose any equipment system listed in 40 CFR 63.443(a) or (b), vent into a closed-vent system, and route to a control device that meets the requirements specified in 40 CFR 63.443(d). Subpart S. [40 CFR 63.443(c)]  
214 Ensure that this control device reduces total HAP emissions using a boiler, lime kiln, or recovery furnace by introducing the HAP emission stream with the primary fuel or into the flame zone. Subpart S. [40 CFR 63.443(d)(4)(i)]

## SPECIFIC REQUIREMENTS

AI ID: 2645 - Weyerhaeuser Co - Red River Mill  
Activity Number: PER19960001  
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### EQT014 11 - New Digester System (Phase I); Hardwood Digester System (Phase II)

215 Periods of excess emissions reported under 40 CFR 63.455 shall not be a violation of 40 CFR 63.443(c) & (d) provided that the time of excess emissions (excluding periods of startup, shutdown, or malfunction) divided by the total process operating time in a semi-annual reporting period does not exceed the following levels:

- (1) 1 % for control devices used to reduce the total HAP emissions from the LVHC system;
- (2) 4 % for control devices used to reduce the total HAP emissions from the HVLC system;
- (3) 4 % for control devices used to reduce the total HAP emissions from both the LVHC and HVLC systems

[40 CFR 63.443(e)]  
216 Ensure that each closed collection system meets the individual drain system requirements specified in 40 CFR 63.960, 63.961, and 63.962 of subpart RR, except design and operate closed vent systems and control devices in accordance with 40 CFR 63.443(d) and 63.450, instead of in accordance with 40 CFR 63.693 as specified in 40 CFR 63.962(a)(3)(ii), (b)(3)(ii)(A), and (b)(5)(ii)(A). Subpart S. [40 CFR 63.446(d)(1)]

217 Condensate tank: Ensure that the fixed roof and all openings (e.g., access hatches, sampling ports, gauge wells) are designed and operated with no detectable leaks as indicated by an instrument reading of less than 500 parts per million above background, and vented into a closed-vent system that meets the requirements in 40 CFR 63.450 and rounded to a control device that meets the requirements in 40 CFR 63.443(d). Subpart S. [40 CFR 63.446(d)(2)(i)]

218 Condensate tank: Maintain each opening in a closed, sealed position (e.g., covered by a lid that is gasketed and latched) at all times that the tank contains pulping process condensates or any HAP removed from a pulping process condensate stream except when it is necessary to use the opening for sampling, removal, or for equipment inspection, maintenance, or repair. Subpart S. [40 CFR 63.446(d)(2)(ii)]

219 Convey the pulping process condensates in a closed collection system that is designed and operated to meet the requirements specified in 40 CFR 63.446(d)(1) and (d)(2). Subpart S. [40 CFR 63.446(d)]

220 Treat the pulping process condensates to remove 3.3 kilograms or more of total HAP per megagram (6.6 pounds per ton) of ODP. Subpart S. [40 CFR 63.446(c)(4)]

221 Control each HAP removed from a pulping process condensate stream during treatment and handling under 40 CFR 63.446(d) or (e), except for those treated according to 40 CFR 63.446(e)(2), as specified in 40 CFR 63.443(c) and (d). Subpart S. [40 CFR 63.446(f)]

222 Evaluate all new or modified pulping process condensates or changes in the annual bleached or non-bleached ODP used to comply with 40 CFR 63.446(l), to determine if they meet the applicable requirements of 40 CFR 63.446(h). Subpart S. [40 CFR 63.446(h)]

223 Enclosure: Ensure that each enclosure maintains negative pressure at each enclosure or hood opening as demonstrated by the procedures specified in 40 CFR 63.457(c). Maintain each enclosure or hood opening, closed during the initial performance test specified in 40 CFR 63.457(a), in the same closed and sealed position as during the performance test at all times except when necessary to use the opening for sampling, inspection, maintenance, or repairs. Subpart S. [40 CFR 63.450(b)]

224 Closed-vent System: Ensure that each component is designed for and operated with no detectable leaks as indicated by an instrument reading of less than 500 parts per million by volume above background, as measured by the procedures specified in 40 CFR 63.457(d). Subpart S. [40 CFR 63.450(c)]

225 Closed-vent System (bypass lines): Flow monitored by flow indicator once every 15 minutes as specified in 40 CFR 63.454(e). Install the flow indicator in the bypass line in such a way as to indicate flow in the bypass line. Subpart S. [40 CFR 63.450(d)(1)]

Which Months: All Year Statistical Basis: None specified

226 Closed-vent System (bypass lines): Flow recordkeeping by electronic or hard copy once every 15 minutes. Subpart S. [40 CFR 63.450(d)(1)]

227 Closed-vent System (bypass lines): Maintain the bypass line valve in the closed position with a car seal or a seal placed on the valve or closure mechanism in such a way that valve or closure mechanism cannot be opened without breaking the seal. Subpart S. [40 CFR 63.450(d)(2)]

228 Methanol recordkeeping by recorder continuously. Record the methanol outlet concentration. Subpart S. [40 CFR 63.453(h)]

229 Methanol monitored by CMS continuously. Measure the methanol outlet concentration. Subpart S. [40 CFR 63.453(h)]

Which Months: All Year Statistical Basis: None specified

## **SPECIFIC REQUIREMENTS**

AI ID: 2645 - Weyerhaeuser Co • Red River Mill  
Activity Number: PER19960001  
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### **EQT014 11 - New Digester System (Phase I); Hardwood Digester System (Phase II)**

- 230 Equipment/operational data monitored by CMS continuously. Measure the appropriate parameters determined according to the procedures specified in 40 CFR 63.453(n) to comply with the condensate applicability requirements specified in 40 CFR 63.446(c). Subpart S. [40 CFR 63.453(i)]
- Which Months: All Year Statistical Basis: None specified
- 231 Equipment/operational data recordkeeping by recorder continuously. Record the appropriate parameters determined according to the procedures specified in 40 CFR 63.453(n) to comply with the condensate applicability requirements specified in 40 CFR 63.446(c). Subpart S. [40 CFR 63.453(i)]
- 232 Closed vent system: Seal or closure mechanism recordkeeping by electronic or hard copy once every 30 days. Record the results of the enclosure opening/closure mechanism inspection specified in 40 CFR 453(k)(1). Subpart S. [40 CFR 63.453(k)(1)]
- 233 Closed vent system: Seal or closure mechanism monitored by visual inspection/determination once every 30 days. Inspect the closure mechanism specified in 40 CFR 63.450(b) to ensure the opening is maintained in the closed position and sealed. Subpart S. [40 CFR 63.453(k)(1)]
- Which Months: All Year Statistical Basis: None specified
- 234 Closed vent system: Equipment/operational data monitored by visual inspection/determination once every 30 days. Inspect every 30 days and at other times as requested by the DEQ. Include inspection of ductwork, piping, enclosures, and connections to covers for visible evidence of defects. Subpart S. [40 CFR 63.453(k)(2)]
- Which Months: All Year Statistical Basis: None specified
- 235 Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the inspection specified in 40 CFR 453(k)(2). Subpart S. [40 CFR 63.453(k)(2)]
- 236 Closed vent system: Presence of a leak recordkeeping by electronic or hard copy once initially and annually. Record the results of the demonstration of no detectable leaks specified in 40 CFR 453(k)(3). Subpart S. [40 CFR 63.453(k)(3)]
- 237 Closed vent system: Presence of a leak monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually. Demonstrate no detectable leaks as specified in 40 CFR 63.450(c) measured by the procedures in 40 CFR 63.457(d), for positive pressure closed-vent systems or portions of closed-vent systems. Subpart S. [40 CFR 63.453(k)(3)]
- Which Months: All Year Statistical Basis: None specified
- 238 Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record the results of the negative pressure demonstration specified in 40 CFR 453(k)(4). Subpart S. [40 CFR 63.453(k)(4)]
- 239 Closed vent system: Equipment/operational data monitored by the regulation's specified method(s) once initially and annually. Demonstrate that each enclosure opening is maintained at negative pressure using one of the procedures specified in 40 CFR 63.457(e)(1) through (e)(4). Subpart S. [40 CFR 63.453(k)(4)]
- Which Months: All Year Statistical Basis: None specified
- 240 Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the valve or closure mechanism inspection specified in 40 CFR 453(k)(5). Subpart S. [40 CFR 63.453(k)(5)]
- 241 Closed vent system: Equipment/operational data monitored by technically sound method once every 30 days. Inspect the valve or closure mechanism specified in 40 CFR 63.450(d)(2) at least once every 30 days to ensure that the valve is maintained in the closed position and the emission point gas stream is not diverted through the bypass line. Subpart S. [40 CFR 63.453(k)(5)]
- Which Months: All Year Statistical Basis: None specified
- 242 Closed vent system: Take the corrective actions specified in 40 CFR 63.453(k)(6)(i) and (k)(6)(ii) as soon as practicable if an inspection required by 40 CFR 63.453(k)(1) through (k)(5) identifies visible defects in ductwork, piping, enclosures or connections to covers required by 40 CFR 63.450, or if an instrument reading of 500 parts per million by volume or greater above background is measured, or if enclosure openings are not maintained at negative pressure. Subpart S. [40 CFR 63.453(k)(6)]
- 243 Individual Drain Systems: Equipment/operational data monitored by visual inspection/determination once every 30 days. Comply with the inspection and monitoring requirements specified in 40 CFR 63.964 of Subpart RR, except as specified in 40 CFR 63.453(l)(1) and (l)(1)(i). Subpart S. [40 CFR 63.453(l)(1)]
- Which Months: All Year Statistical Basis: None specified
- 244 Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the visual inspection specified in 40 CFR 63.453(l)(1) and the results of the inspections and monitoring required in 40 CFR 63.964 of Subpart RR. Subpart S. [40 CFR 63.453(l)(1)]

## SPECIFIC REQUIREMENTS

AI ID: 2645 - Weyerhaeuser Co - Red River Mill  
Activity Number: PER19960001  
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### **EQT014 11 - New Digester System (Phase I); Hardwood Digester System (Phase II)**

- 245 Take the corrective actions specified in 40 CFR 63.964(b) of Subpart RR, if an inspection required by 40 CFR 63.453 identifies visible defects in the closed collection system, or if an instrument reading of 500 parts per million or greater above background is measured. Subpart S. [40 CFR 63.453(1)(3)]
- 246 Use the procedures specified in 40 CFR 63.453(n)(1) through (n)(4) to establish or reestablish the value for each operating parameter required to be monitored under 40 CFR 63.453(b) through (j), (l), and (m) or to establish appropriate parameters for 40 CFR 63.453(l), (i), (j)(2), and (m). Subpart S. [40 CFR 63.453(n)]
- 247 Operate in a manner consistent with the minimum or maximum (as appropriate) operating parameter value or procedure required to be monitored under 40 CFR 63.453(a) through (n) and established under 40 CFR 63 Subpart S. Subpart S. [40 CFR 63.453(o)]
- 248 Comply with the recordkeeping requirements of 40 CFR 63.10, as shown in table I of Subpart S. Subpart S. [40 CFR 63.454(a)]
- 249 Enclosure opening, closed-vent system, and closed collection system: Prepare and maintain a site-specific inspection plan including a drawing or schematic of the components of applicable affected equipment. Subpart S. [40 CFR 63.454(b)]
- 250 Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection of each applicable enclosure opening, closed-vent system, or closed collection system. Record the information specified in 40 CFR 63.454(b)(1) through (b)(12) for each inspection. Subpart S. [40 CFR 63.454(b)]
- 251 Monitoring data recordkeeping by electronic or hard copy continuously. Record the CMS parameters specified in 40 CFR 63.453 and meet the requirements specified in 40 CFR 63.454(a) for any new affected process equipment or pulping process condensate stream that becomes subject to the standards in 40 CFR 63 Subpart S due to a process change or modification. Subpart S. [40 CFR 63.454(d)]
- 252 Closed-vent System (bypass lines): Flow indication recordkeeping by electronic, or hard copy once every 15 minutes. Set the flow indicator on each bypass line specified in 40 CFR 63.450(d)(1) to provide a record of the presence of gas stream flow in the bypass line at least once every 15 minutes. Subpart S. [40 CFR 63.454(c)]
- 253 Comply with the reporting requirements of 40 CFR 63 Subpart A as specified in 40 CFR 63 Subpart S, table 1. Subpart S. [40 CFR 63.455(a)]
- 254 Submit report. Due with the initial notification report specified under 40 CFR 63.9(b)(2) and 40 CFR 63.455(a). Submit a non-binding control strategy report containing, at a minimum, the information specified in 40 CFR 63.455(b)(1) through (b)(3) in addition to the information required in 40 CFR 63.9(b)(2). Update every two years thereafter. Subpart S. [40 CFR 63.455(b)]
- 255 Meet the requirements specified in 40 CFR 63.455(a) upon startup of any new affected process equipment or pulping process condensate stream that becomes subject to the standards of 40 CFR 63 Subpart S due to a process change or modification. Subpart S. [40 CFR 63.455(d)]
- 256 Determine compliance with the provisions of 40 CFR 63 Subpart S by using the test methods and procedures specified in 40 CFR 63.457(a) through (n), as applicable. Subpart S. [40 CFR 63.457]

### **EQT043 1301c - New Softwood HD Storage Tank (Phase II)**

- 257 BACT determined in PSD-LA-562(M-2):
  - VOC: 0.144 lb/ODTP. [LAC 33:III.2103.I.1.509], Phases: Phase IIPhases: Phase II

### **EQT046 16 - Gasoline Storage Tank (All Phases)**

- 258 Equip with a submerged fill pipe. [LAC 33:III.2103.A]
- 259 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a.e. [LAC 33:III.2103.H.3]
- 260 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I.1]

### **EQT049 40 - Coke Storage Silo (All Phases)**

## SPECIFIC REQUIREMENTS

**AI ID:** 2645 - Weyerhaeuser Co - Red River Mill  
**Activity Number:** PER19960001  
**Permit Number:** 1980-00004-V0  
**Air - Title V Regular Permit Initial**

### EQT049 40 - Coke Storage Silo (All Phases)

- 261 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]  
Which Months: All Year Statistical Basis: None specified
- 262 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

### EQT118 25 - Propane Storage Tanks (All Phases)

- 263 Maintain working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere. [LAC 33:III.2103.A]
- 264 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-c. [LAC 33:III.2103.H.3]
- 265 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I.1]

### EQT120 41 - Recovery Boiler No. 3 & Smelt Tank No. 3 (Phase II)

- 266 Sulfur dioxide <= 2000 ppmv at standard conditions. [LAC 33:III.1503.C]  
Which Months: All Year Phases: Phase II Statistical Basis: Three-hour average
- 267 Determine sulfur dioxide and sulfuric acid mist concentrations in stack gases using the methods in LAC 33:III.1503.D. Table 4. Use these methods for initial compliance determinations and for additional compliance determinations for those facilities not subject to continuous emission monitoring. [LAC 33:III.1503.D.1]. Phases: Phase II
- Phases: Phase II
- 268 Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:II. Chapter 39. [LAC 33:III.1513], Phases: Phase II
- Phases: Phase II
- 269 Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III. Chapter 15. [LAC 33:III.1513], Phases: Phase II
- Phases: Phase II
- 270 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III. Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- Phases: Phase II
- 271 BACT determination for PSD-LA-562(M-2) for the Recovery Boiler No. 3:  
PM10: 0.015 gr/dscf @ 8 % oxygen. BACT controls: Electrostatic Precipitator.  
SO<sub>2</sub>: 20 ppm @ 8 % oxygen.  
NOX: 80 ppm @ 8 % oxygen. BACT controls: Optimized combustion.  
TRS: 3 ppm @ 8 % oxygen. BACT controls: Optimized combustion.  
VOC: 10 ppm @ 8 % oxygen. BACT controls: Optimized combustion. [LAC 33:III.509], Phases: Phase II
- Phases: Phase II
- 272 Compliance with the Federal MACT requirements is considered to be State MACT. [LAC 33:III.5109.A], Phases: Phase II
- Phases: Phase II
- 273 Recovery Boiler No. 3: Total reduced sulfur <= 5 ppmv (dry basis) corrected to 8 percent oxygen. Subpart BB. [40 CFR 60.283(a)(2)]
- Which Months: All Year Phases: Phase II Statistical Basis: None specified

## SPECIFIC REQUIREMENTS

AJ ID: 2645 - Weyerhaeuser Co - Red River Mill  
Activity Number: PER19960001  
Permit Number: 1980-00004-V0  
Air - Title V Regular Permit Initial

### EQT120      41 - Recovery Boiler No. 3 & Smelt Tank No. 3 (Phase II)

- 274 Total reduced sulfur monitored by continuous emission monitor (CEM) continuously. Monitor the concentration of TRS emissions on a dry basis, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Locate the continuous monitoring system downstream of the control device(s). Set the span at a TRS concentration of 30 ppm. Subpart BB. [40 CFR 60.284(a)(2)]  
Which Months: All Year    Phases: Phase II    Statistical Basis: None specified
- 275 Total reduced sulfur recordkeeping by electronic or hard copy continuously. Record the concentration of TRS emissions on a dry basis. Subpart BB. [40 CFR 60.284(a)(2)]
- 276 Oxygen monitored by continuous emission monitor (CEM) continuously. Monitor the percent of oxygen by volume on a dry basis, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Locate the continuous monitoring system downstream of the control device(s). Set the span at 25 percent oxygen. Subpart BB. [40 CFR 60.284(a)(2)]  
Which Months: All Year    Phases: Phase II    Statistical Basis: None specified
- 277 Oxygen recordkeeping by electronic or hard copy continuously. Record the percent of oxygen by volume on a dry basis. Subpart BB. [40 CFR 60.284(a)(2)]  
Phases: Phase II
- 278 Calculate on a daily basis the 12-hour average TRS concentrations for the two consecutive periods of each operating day, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Determine each 12-hour average as the arithmetic mean of the appropriate 12 contiguous 1-hour average total reduced sulfur concentrations provided by each continuous monitoring system installed under 40 CFR 60.284(a)(2). Subpart BB. [40 CFR 60.284(c)(1)], Phases: Phase II  
Phases: Phase II
- 279 Total reduced sulfur recordkeeping by electronic or hard copy daily. Record the 12-hour average TRS concentrations for the two consecutive periods of each operating day. Subpart BB. [40 CFR 60.284(c)(1)]  
Phases: Phase II
- 280 Calculate and record on a daily basis 12-hour average oxygen concentrations for the two consecutive periods of each operating day, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Ensure that these 12-hour averages correspond to the 12-hour average TRS concentrations under 40 CFR 60.284(c)(1). Determine the 12-hour averages as an arithmetic mean of the appropriate 12 contiguous 1-hour average oxygen concentrations provided by each continuous monitoring system installed under 40 CFR 60.284(a)(2). Subpart BB. [40 CFR 60.284(c)(2)], Phases: Phase II  
Phases: Phase II
- 281 Oxygen recordkeeping by electronic or hard copy daily. Record the 12-hour average oxygen concentrations for the two consecutive periods of each operating day. Subpart BB. [40 CFR 60.284(c)(2)]  
Phases: Phase II
- 282 Submit Report Due semiannually. Submit reports of any periods of excess emissions as defined in 40 CFR 60.284(d), for the purpose of reports required under 40 CFR 60.7(c). Subpart BB. [40 CFR 60.284(d)], Phases: Phase II  
Phases: Phase II
- 283 Follow the procedures under 40 CFR 60.13 for installation, evaluation, and operation of the continuous monitoring systems required under 40 CFR 60.284. Subpart BB. [40 CFR 60.284(f)], Phases: Phase II  
Phases: Phase II
- 284 Use as reference methods and procedures the test methods in appendix A of 40 CFR 60 or other methods and procedures in 40 CFR 60.285, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart BB. [40 CFR 60.285(a)], Phases: Phase II  
Phases: Phase II
- 285 Recovery Boiler No. 3: Determine compliance with the TRS standards in 40 CFR 60.283, except 40 CFR 60.283(a)(1)(vi) and (4), using the methods and procedures specified in 40 CFR 60.285(d)(1) to (d)(3). Subpart BB. [40 CFR 60.285(d)], Phases: Phase II  
Phases: Phase II

## **SPECIFIC REQUIREMENTS**

AI ID: **2645 - Weyerhaeuser Co - Red River Mill**  
Activity Number: **PER19960001**  
Permit Number: **1980-00004-V0**  
Air - Title V Regular Permit Initial

### **EQT120 41 - Recovery Boiler No. 3 & Smelt Tank No. 3 (Phase II)**

- 286 Recovery Boiler No. 3: Particulate matter (10 microns or less)  $\leq 0.015 \text{ gr/dscf}$  (0.034 g/dscm) corrected to 8 percent oxygen. Subpart MM. [40 CFR 63.862(b)(1)]  
Which Months: All Year Phases: Phase II Statistical Basis: None specified
- 287 Smelt Tank No. 3: Particulate matter (10 microns or less)  $\leq 0.12 \text{ lb/ton}$  (0.06 kg/Mg) of black liquor solids fired. Recovery Boiler No. 3 limits are more stringent for PM10.  
Subpart MM. [40 CFR 63.862(b)(2)]  
Which Months: All Year Phases: Phase II Statistical Basis: None specified
- 288 Recovery Boiler No. 3: HAP  $\leq 0.025 \text{ lb/ton}$  (0.012 kg/Mg) of black liquor solids fired, for the concentration of gaseous organic HAP, as measured by methanol. Subpart MM.  
[40 CFR 63.862(c)(1)]  
Which Months: All Year Phases: Phase II Statistical Basis: None specified
- 289 Opacity recordkeeping by continuous opacity monitor (COM) continuously. Subpart MM. [40 CFR 63.864(d)]  
Phases: Phase II
- 290 Opacity monitored by continuous opacity monitor (COM) continuously. Ensure that each COMS is operated according to the provisions in 40 CFR 63.6(h) and 40 CFR 63.8, and completes a minimum of one cycle of sampling and analyzing for each successive 10-second period as specified in 40 CFR 63.8(c)(4)(i). Reduce the COMS data as specified in 40 CFR 63.8(g)(2). Subpart MM. [40 CFR 63.864(d)]  
Which Months: All Year Phases: Phase II Statistical Basis: None specified
- 291 Implement corrective action, as specified in the startup, shutdown and malfunction plan prepared under 63.866(a), if the monitoring exceedances in 40 CFR 63.864(k)(1) through (k)(1)(vi) occur. Subpart MM. [40 CFR 63.864(k)(1)]. Phases: Phase II  
Phases: Phase II
- 292 Determine compliance using the test methods and procedures specified in 40 CFR 63.865(a) through (d). Subpart MM. [40 CFR 63.865]. Phases: Phase II  
Phases: Phase II
- 293 Conduct an initial performance test using the test methods and procedures listed in 40 CFR 63.7 and 40 CFR 63.865(b), except as provided in 40 CFR 63.865(c)(1). Subpart MM. [40 CFR 63.865]. Phases: Phase II  
Phases: Phase II
- 294 Develop and implement a written startup, shutdown, and malfunction plan as described in 40 CFR 63.6(e)(3) that contains specific procedures to be followed for operating the source and maintaining the source during periods of startup, shutdown, and malfunction, and a program of corrective action for malfunctioning process and control systems used to comply with the standards. In addition to the information required in 40 CFR 63.6(e), include the requirements in paragraphs 40 CFR 63.866(a)(1) and (2). Subpart MM. [40 CFR 63.866(a)]. Phases: Phase II  
Phases: Phase II
- 295 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of any occurrence when corrective action is required under 40 CFR 63.864(k)(1) and when a violation is noted under 40 CFR 63.864(k)(2). Subpart MM. [40 CFR 63.866(b)]  
Phases: Phase II
- 296 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain the general records required by 40 CFR 63.10(b)(2), and the information specified in 40 CFR 63.866(c)(1) through (c)(6). Subpart MM. [40 CFR 63.866(c)]  
Phases: Phase II
- 297 Submit the applicable notifications from 40 CFR 63, Subpart A, as specified in 40 CFR 63, Subpart MM, Table 1. Subpart MM. [40 CFR 63.867(a)(1)]. Phases: Phase II  
Phases: Phase II
- 298 Submit notification: Due to DEQ before any of the actions in 40 CFR 63.867(b)(3)(i) through (b)(3)(iv) are taken. Subpart MM. [40 CFR 63.867(b)(3)]. Phases: Phase II  
Phases: Phase II

## SPECIFIC REQUIREMENTS

AI ID: 2645 - Weyerhaeuser Co - Red River Mill  
Activity Number: PER19960001  
Permit Number: 1980-00004-V0  
Air - Title V Regular Permit Initial

### EQT120 41 - Recovery Boiler No. 3 & Smelt Tank No. 3 (Phase II)

299 Submit excess emissions report. Due semiannually when no exceedances of parameters have occurred. Include a statement that no excess emissions occurred during the reporting period. Subpart MM. [40 CFR 63.867(c)(1)]. Phases: Phase II

Phases: Phase II

300 Submit excess emissions report. Due quarterly if measured parameters meet any of the conditions specified in 40 CFR 63.864(k)(1) or (k)(2). Include the information specified in 40 CFR 63.10(c) as well as the number and duration of occurrences when the source met or exceeded the conditions in 40 CFR 63.864(k)(1), and the number and duration of occurrences when the source met or exceeded the conditions in 40 CFR 63.864(k)(2). Subpart MM. [40 CFR 63.867(c)]. Phases: Phase II

Phases: Phase II

### EQT121 42 - Lime Kiln No. 2 (Phase II)

301 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or trapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1.01.B]  
Which Months: All Year Phases: Phase II Statistical Basis: None specified

302 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.151.3], Phases: Phase II

Phases: Phase II

303 Do not exceed the limits set forth in LAC 33:III.1.503.C. [LAC 33:III.2301.D.2], Phases: Phase II

Phases: Phase II

304 Provide the highest and best practicable treatment and control currently available, in order to maintain the lowest possible emission of air contaminants. [LAC 33:III.2301.D].  
Phases: Phase II

Phases: Phase II

305 BACT determination for PSD-LA-562(M-2)  
PM10: 0.01 gr/dscf @ 10 % oxygen. BACT controls: Electrostatic Precipitator  
SO2: 70 ppm @ 10 % oxygen. BACT controls: Electrostatic Precipitator/Flue Gas Desulfurization control device  
NOX: 190 ppm @ 10 % oxygen. BACT controls: Optimized Combustion  
TRS: 8 ppm @ 10 % oxygen. BACT controls: Wet Scrubber  
VOC: 50 ppm @ 10 % oxygen. BACT controls: Optimized Combustion. [LAC 33:III.509]

306 Compliance with the Federal MACT requirements is considered to be State MACT. [LAC 33:III.5109.A], Phases: Phase II  
Phases: Phase II

307 Total reduced sulfur <= 8 ppmv (dry basis) corrected to 10 percent oxygen. Subpart BB. [40 CFR 60.283(a)(5)]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

308 Oxygen recordkeeping by electronic or hard copy continuously. Record the percent of oxygen by volume on a dry basis. Subpart BB. [40 CFR 60.284(a)(2)]  
Phases: Phase II

309 Oxygen monitored by continuous emission monitor (CEM) continuously. Monitor the percent of oxygen by volume on a dry basis, except where the provisions of 40 CFR 60.283(a)(iii) or (a)(iv) apply. Locate the continuous monitoring system downstream of the control device(s). Set the span at 25 percent oxygen. Subpart BB. [40 CFR 60.284(a)(2)]  
Which Months: All Year Phases: Phase II Statistical Basis: None specified

## SPECIFIC REQUIREMENTS

**AID: 2645 - Weyerhaeuser Co - Red River Mill**  
**Activity Number: PER19960001**  
**Permit Number: 1980-00004-V0**  
**Air - Title V Regular Permit Initial**

### EQT121 42 - Lime Kiln No. 2 (Phase II)

- 310 Total reduced sulfur monitored by continuous emission monitor (CEM) continuously. Monitor the concentration of TRS emissions on a dry basis, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Locate the continuous monitoring system downstream of the control device(s). Set the span at a TRS concentration of 30 ppm. Subpart BB. [40 CFR 60.284(a)(2)]  
Which Months: All Year Phases: Phase II Statistical Basis: None specified
- 311 Total reduced sulfur recordkeeping by electronic or hard copy continuously. Record the concentration of TRS emissions on a dry basis. Subpart BB. [40 CFR 60.284(a)(2)]  
Phases: Phase II
- 312 Permittee shall install, calibrate, maintain, and operate on any lime kiln, using a scrubber emission control device, a monitoring device for the continuous measurement of the pressure loss of the gas stream through the control equipment. The monitoring device is to be certified by the manufacturer to be accurate to within a gage pressure of +/- 500 pascals (+/- 2 inches water gage pressure). [40 CFR 60.284(b)(2)(ii)], Phases: Phase II  
Phases: Phase II
- 313 Submit Report Due semiannually. Submit reports of any periods of excess emissions as defined in 40 CFR 60.284(d), for the purpose of reports required under 40 CFR 60.7(c). Subpart BB. [40 CFR 60.284(d)], Phases: Phase II  
Phases: Phase II
- 314 Follow the procedures under 40 CFR 60.13 for installation, evaluation, and operation of the continuous monitoring systems required under 40 CFR 60.284. Subpart BB. [40 CFR 60.284(f)], Phases: Phase II  
Phases: Phase II
- 315 Use as reference methods and procedures the test methods in appendix A of 40 CFR 60 or other methods and procedures in 40 CFR 60.285, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart BB. [40 CFR 60.285(a)], Phases: Phase II  
Phases: Phase II
- 316 Determine compliance with the TRS standards in 40 CFR 60.283, except 40 CFR 60.283(a)(1)(vi) and (4), using the methods and procedures specified in 40 CFR 60.285(d)(1) to (d)(3). Subpart BB. [40 CFR 60.285(d)], Phases: Phase II  
Phases: Phase II
- 317 Permittee shall install, calibrate, maintain, and operate on any lime kiln, using a scrubber emission control device, a monitoring device for the continuous measurement of the scrubbing liquid supply pressure to the control equipment. The monitoring device is to be certified by the manufacturer to be accurate within +/- 15% of design liquid supply pressure. The pressure sensor or tap is to be located close to the scrubber liquid discharge point. The Administrator may be consulted for approval of alternative locations. [40 CFR 63.284(b)(2)(ii)], Phases: Phase II  
Phases: Phase II
- 318 Particulate matter (10 microns or less) <= 0.010 gr/dscf (0.023 g/dscm) corrected to 10 percent oxygen. Subpart MM. [40 CFR 63.862(b)(3)]  
Which Months: All Year Phases: Phase II Statistical Basis: None specified
- 319 Permittee must comply with the requirements in this subpart immediately upon startup. [40 CFR 63.863(b)], Phases: Phase II  
Phases: Phase II
- 320 Opacity monitored by continuous opacity monitor (COM) continuously. Ensure that each COMS is operated according to the provisions in 40 CFR 63.6(h) and 40 CFR 63.8, and completes a minimum of one cycle of sampling and analyzing for each successive 10-second period as specified in 40 CFR 63.8(c)(4)(i). Reduce the COMS data as specified in 40 CFR 63.8(g)(2). Subpart MM. [40 CFR 63.864(d)]  
Which Months: All Year Phases: Phase II Statistical Basis: None specified
- 321 Opacity recordkeeping by continuous opacity monitor (COM) continuously. Subpart MM. [40 CFR 63.864(d)]  
Phases: Phase II

## SPECIFIC REQUIREMENTS

AI ID: 2645 - Weyerhaeuser Co - Red River Mill  
Activity Number: PER19960001  
Permit Number: 1980-00004-V0  
Air • Title V Regular Permit Initial

### EQT121 42 - Lime Kiln No. 2 (Phase II)

- 322 Implement corrective action, as specified in the startup, shutdown and malfunction plan prepared under 63.866(a), if the monitoring exceedances in 40 CFR 63.864(k)(1)(i) through (k)(1)(vi) occur. Subpart MM. [40 CFR 63.864(k)(1)], Phases: Phase II
- 323 Conduct an initial performance test using the test methods and procedures listed in 40 CFR 63.7 and 40 CFR 63.865(b), except as provided in 40 CFR 63.865(c)(1). Subpart MM. [40 CFR 63.865], Phases: Phase II
- 324 Determine compliance using the test methods and procedures specified in 40 CFR 63.865(a) through (d). Subpart MM. [40 CFR 63.865], Phases: Phase II
- 325 Develop and implement a written startup, shutdown, and malfunction plan as described in 40 CFR 63.6(e)(3) that contains specific procedures to be followed for operating the source and maintaining the source during periods of startup, shutdown, and malfunction, and a program of corrective action for malfunctioning process and control systems used to comply with the standards. In addition to the information required in 40 CFR 63.6(e), include the requirements in paragraphs 40 CFR 63.866(a)(1) and (2). Subpart MM. [40 CFR 63.866(a)], Phases: Phase II
- 326 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of any occurrence when corrective action is required under 40 CFR 63.864(k)(1) and when a violation is noted under 40 CFR 63.864(k)(2). Subpart MM. [40 CFR 63.866(b)]
- 327 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain the general records required by 40 CFR 63.10(b)(2), and the information specified in 40 CFR 63.866(c)(1) through (c)(6). Subpart MM. [40 CFR 63.866(c)]
- 328 Submit the applicable notifications from 40 CFR 63, Subpart A, as specified in 40 CFR 63, Subpart MM, Table 1. Subpart MM. [40 CFR 63.867(a)(1)], Phases: Phase II
- 329 Submit notification Due to DEQ before any of the actions in 40 CFR 63.867(b)(3)(i) through (b)(3)(iv) are taken. Subpart MM. [40 CFR 63.867(b)(3)], Phases: Phase II
- 330 Submit documentation: Due before performing the actions in 40 CFR 63.867(b)(3)(i) or (ii). Recalculate the overall PM emissions limit for the group of process units and resubmit the documentation required in 40 CFR 63.867(b)(2) to the DEQ. Subpart MM. [40 CFR 63.867(b)(4)], Phases: Phase II
- 331 Submit the PM emissions limits determined in 40 CFR 63.865(a) and the calculation and supporting documentation used in 40 CFR 63.865(a)(1) and (a)(2) to DEQ as part of the notification of compliance status required under 40 CFR 63 Subpart A. Subpart MM. [40 CFR 63.867(b)], Phases: Phase II
- 332 Submit excess emissions report: Due semiannually when no exceedances of parameters have occurred. Include a statement that no excess emissions occurred during the reporting period. Subpart MM. [40 CFR 63.867(c)(1)], Phases: Phase II
- 333 Submit excess emissions report: Due quarterly if measured parameters meet any of the conditions specified in 40 CFR 63.864(k)(1) or (k)(2). Include the information specified in 40 CFR 63.10(c) as well as the number and duration of occurrences when the source met or exceeded the conditions in 40 CFR 63.864(k)(1), and the number and duration of occurrences when the source met or exceeded the conditions in 40 CFR 63.864(k)(2). Subpart MM. [40 CFR 63.867(c)], Phases: Phase II

### EQT122 43 - Slaker System (Phase II)

## SPECIFIC REQUIREMENTS

AI ID: 2645 - Weyerhaeuser Co - Red River Mill  
Activity Number: PER19960001  
Permit Number: 1980-00004-V0  
Air - Title V Regular Permit Initial

### EQT122 43 - Slaker System (Phase II)

- 334 BACT determined in PSD-LA-562(M-2)  
PMI 0: 0.03 lb/ton CaO. BACT Controls: Wet Scrubber  
VOC: 0.0411 lb/ton CaO. BACT Controls: Wet Scrubber. [LAC 33:III.509], Phases: Phase II  
Phases: Phase II

### EQT123 46 - Softwood Pulping System (Phase II)

- 335 Do not exceed the limits set forth in LAC 33:III.1503.C. [LAC 33:III.2301.D.2], Phases: Phase II  
Phases: Phase II
- 336 Total reduced sulfur <= 5 ppm. Compliance attained via NCG control per 40 CFR 63 - Subpart S. [LAC 33:III.2301.D.3.b]  
Which Months: All Year Phases: Phase II Statistical Basis: Twelve-hour average
- 337 Achieve final compliance with the provisions of LAC 33:III.2301.D.3 as expeditiously as practicable but not more than six years from the effective date of LAC 33:III.2301.
- [LAC 33:III.2301.D.3.i], Phases: Phase II  
Phases: Phase II
- 338 Provide the highest and best practicable treatment and control currently available, in order to maintain the lowest possible emission of air contaminants. [LAC 33:III.2301.D].  
Phases: Phase II
- 339 Compliance with the Federal MACT requirements is considered to be State MACT. [LAC 33:III.51.09.A], Phases: Phase II  
Phases: Phase II
- 340 Total reduced sulfur <= 5 ppmv (dry basis) corrected to 10 percent oxygen, unless the conditions in 40 CFR 60.283(a)(1) through (a)(1)(vi) are met. Compliance attained via NCG control per 40 CFR 63 - Subpart S. Subpart BB. [40 CFR 60.283(a)(1)]  
Which Months: All Year Phases: Phase II Statistical Basis: None specified
- 341 On or after the date on which the performance test required to be conducted by 40 CFR 60.8 is completed, permittee shall not discharge into the atmosphere any gases which contain TRS in excess of 5 ppm by volume on a dry basis from any digester system, brown stock washer system, multiple-effect evaporator system, or condensate stripper. Permittee shall route all non-condensable gases to EQT 120, 41 - Recovery Boiler No. 3, as the primary combustion device, or to EQT 121, 42 - Lime Kiln No. 2, as a backup combustion device. [40 CFR 63.283(a)(1)], Phases: Phase II  
Phases: Phase II
- 342 Achieve compliance with the provisions of 40 CFR 63 Subpart S for each new source, specified as the total of all HAP emission points for the sources specified in 40 CFR 63.440(c), upon start-up or June 15, 1998, whichever is later, as provided in 40 CFR 63.6(b). Subpart S. [40 CFR 63.440(e)]. Phases: Phase II  
Phases: Phase II
- 343 Permittee shall control the total HAP emissions from each LVHC system for new affected sources using the kraft process. Subpart S. [40 CFR 63.443(a)(2)], Phases: Phase II  
Phases: Phase II
- 344 Enclose any equipment system listed in 40 CFR 63.443(a) or (b), vent into a closed-vent system, and route to a control device that meets the requirements specified in 40 CFR 63.443(d). Subpart S. [40 CFR 63.443(c)], Phases: Phase II  
Phases: Phase II
- 345 Ensure that this control device reduces total HAP emissions using a boiler, lime kiln, or recovery furnace by introducing the HAP emission stream with the primary fuel or into the flame zone. Subpart S. [40 CFR 63.443(d)(4)(i)], Phases: Phase II  
Phases: Phase II

## SPECIFIC REQUIREMENTS

AI ID: 2645 - Weyerhaeuser Co - Red River Mill  
Activity Number: PER19960001  
Permit Number: 1980-00004-V0  
Air - Title V Regular Permit Initial

### EQT123      46 - Softwood Pulping System (Phase II)

346 Periods of excess emissions reported under 40 CFR 63.455 shall not be a violation of 40 CFR 63.443(c) & (d) provided that the time of excess emissions (excluding periods of startup, shutdown, or malfunction) divided by the total process operating time in a semi-annual reporting period does not exceed the following levels:

- (1) 1 % for control devices used to reduce the total HAP emissions from the LVHC system;
- (2) 4 % for control devices used to reduce the total HAP emissions from the HVLC system;
- (3) 4 % for control devices used to reduce the total HAP emissions from both the LVHC and HVLC systems. Subpart S [40 CFR 63.443(e)], Phases: Phase II

347 Ensure that each closed collection system meets the individual drain system requirements specified in 40 CFR 63.960, 63.961, and 63.962 of subpart RR, except design and operate closed vent systems and control devices in accordance with 40 CFR 63.443(d) and 63.450, instead of in accordance with 40 CFR 63.693 as specified in 40 CFR 63.962(a)(3)(ii), (b)(3)(i)(A), and (b)(5)(iii). Subpart S. [40 CFR 63.446(d)(1)], Phases: Phase II

Phases: Phase II

348 Condensate tank: Ensure that the fixed roof and all openings (e.g., access hatches, sampling ports, gauge wells) are designed and operated with no detectable leaks as indicated by an instrument reading of less than 500 parts per million above background, and vented into a closed-vent system that meets the requirements in 40 CFR 63.450 and routed to a control device that meets the requirements in 40 CFR 63.443(d). Subpart S. [40 CFR 63.446(d)(2)(i)], Phases: Phase II

Phases: Phase II

349 Condensate tank: Maintain each opening in a closed, sealed position (e.g., covered by a lid that is gasketed and latched) at all times that the tank contains pulping process condensates or any HAP removed from a pulping process condensate stream except when it is necessary to use the opening for sampling, removal, or for equipment inspection, maintenance, or repair. Subpart S. [40 CFR 63.446(d)(2)(ii)], Phases: Phase II

Phases: Phase II

350 Convey the pulping process condensates in a closed collection system that is designed and operated to meet the requirements specified in 40 CFR 63.446(d)(1) and (d)(2). Subpart S. [40 CFR 63.446(d)], Phases: Phase II

Phases: Phase II

351 Treat the pulping process condensates to remove 3.3 kilograms or more of total HAP per megagram (6.6 pounds per ton) of ODP. Subpart S. [40 CFR 63.446(e)(4)], Phases: Phase II

Phases: Phase II

352 Control each HAP removed from a pulping process condensate stream during treatment and handling under 40 CFR 63.446(d) or (e), except for those treated according to 40 CFR 63.446(e)(2), as specified in 40 CFR 63.443(c) and (d). Subpart S. [40 CFR 63.446(f)], Phases: Phase II

Phases: Phase II

353 Evaluate all new or modified pulping process condensates or changes in the annual bleached or non-bleached ODP used to comply with 40 CFR 63.446(f), to determine if they meet the applicable requirements of 40 CFR 63.446. Subpart S. [40 CFR 63.446(h)], Phases: Phase II

Phases: Phase II

354 Closed-vent System: Ensure that each component is designed for and operated with no detectable leaks as indicated by an instrument reading of less than 500 parts per million by volume above background, as measured by the procedures specified in 40 CFR 63.457(d). Subpart S. [40 CFR 63.450(c)], Phases: Phase II

Phases: Phase II

355 Closed-vent System (bypass lines): Flow monitored by flow indicator once every 15 minutes as specified in 40 CFR 63.454(e). Install the flow indicator in the bypass line in such a way as to indicate flow in the bypass line. Subpart S. [40 CFR 63.450(d)(1)] Which Months: All Year Phases: Phase II Statistical Basis: None specified

356 Closed-vent System (bypass lines): Flow recordkeeping by electronic or hard copy once every 15 minutes. Subpart S. [40 CFR 63.450(d)(1)] Phases: Phase II

## SPECIFIC REQUIREMENTS

AI ID: 2645 - Weyerhaeuser Co - Red River Mill  
Activity Number: PER19960001  
Permit Number: 1980-00004-V0  
Air - Title V Regular Permit Initial

### EQT123      46 - Softwood Pulping System (Phase II)

- 357 Methanol monitored by CMS continuously. Measure the methanol outlet concentration. Subpart S. [40 CFR 63.453(h)]  
Which Months: All Year    Phases: Phase II    Statistical Basis: None specified
- 358 Methanol recordkeeping by recorder continuously. Record the methanol outlet concentration. Subpart S. [40 CFR 63.453(h)]  
Phases: Phase II
- 359 Equipment/operational data monitored by CMS continuously. Measure the appropriate parameters determined according to the procedures specified in 40 CFR 63.453(n) to comply with the condensate applicability requirements specified in 40 CFR 63.446(c). Subpart S. [40 CFR 63.453(i)]  
Which Months: All Year    Phases: Phase II    Statistical Basis: None specified
- 360 Equipment/operational data recordkeeping by recorder continuously. Record the appropriate parameters determined according to the procedures specified in 40 CFR 63.453(n) to comply with the condensate applicability requirements specified in 40 CFR 63.446(c). Subpart S. [40 CFR 63.453(i)]  
Phases: Phase II
- 361 Closed vent system: Seal or closure mechanism monitored by visual inspection/determination once every 30 days. Inspect the closure mechanism specified in 40 CFR 63.450(b) to ensure the opening is maintained in the closed position and sealed. Subpart S. [40 CFR 63.453(k)(1)]  
Which Months: All Year    Phases: Phase II    Statistical Basis: None specified
- 362 Closed vent system: Seal or closure mechanism recordkeeping by electronic or hard copy once every 30 days. Record the results of the enclosure opening closure mechanism inspection specified in 40 CFR 453(k)(1). Subpart S. [40 CFR 63.453(k)(1)]  
Phases: Phase II
- 363 Closed vent system: Equipment/operational data monitored by visual inspection/determination once every 30 days. Inspect every 30 days and at other times as requested by the DEQ. Include inspection of ductwork, piping, enclosures, and connections to covers for visible evidence of defects. Subpart S. [40 CFR 63.453(k)(2)]  
Which Months: All Year    Phases: Phase II    Statistical Basis: None specified
- 364 Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the inspection specified in 40 CFR 453(k)(2). Subpart S. [40 CFR 63.453(k)(2)]  
Phases: Phase II
- 365 Closed vent system: Presence of a leak monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually. Demonstrate no detectable leaks as specified in 40 CFR 63.450(c) measured by the procedures in 40 CFR 63.457(d), for positive pressure closed-vent systems or portions of closed-vent systems. Subpart S. [40 CFR 63.453(k)(3)]  
Which Months: All Year    Phases: Phase II    Statistical Basis: None specified
- 366 Closed vent system: Presence of a leak recordkeeping by electronic or hard copy once initially and annually. Record the results of the demonstration of no detectable leaks specified in 40 CFR 453(k)(3). Subpart S. [40 CFR 63.453(k)(3)]  
Phases: Phase II
- 367 Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record the results of the negative pressure demonstration specified in 40 CFR 453(k)(4). Subpart S. [40 CFR 63.453(k)(4)]  
Phases: Phase II
- 368 Closed vent system: Equipment/operational data monitored by the regulation's specified method(s) once initially and annually. Demonstrate that each enclosure opening is maintained at negative pressure using one of the procedures specified in 40 CFR 63.457(e)(1) through (e)(4). Subpart S. [40 CFR 63.453(k)(4)]  
Which Months: All Year    Phases: Phase II    Statistical Basis: None specified
- 369 Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the valve or closure mechanism inspection specified in 40 CFR 453(k)(5). Subpart S. [40 CFR 63.453(k)(5)]  
Phases: Phase II

## **SPECIFIC REQUIREMENTS**

**AI ID:** 2645 - Weyerhaeuser Co - Red River Mill  
**Activity Number:** PER19960001  
**Permit Number:** 1980-00004-V0  
**Air - Title V Regular Permit Initial**

### **EQT123      46 . Softwood Pulping System (Phase II)**

- 370 Closed vent system: Equipment/operational data monitored by technically sound method once every 30 days. Inspect the valve or closure mechanism specified in 40 CFR 63.450(d)(2) at least once every 30 days to ensure that the valve is maintained in the closed position and the emission point gas stream is not diverted through the bypass line. Subpart S. [40 CFR 63.453(k)(5)]
- Which Months: All Year    Phases: Phase II    Statistical Basis: None specified
- 371 Closed vent system: Take the corrective actions specified in 40 CFR 63.453(k)(6)(i) and (k)(6)(ii) as soon as practicable if an inspection required by 40 CFR 63.453(k)(1) through (k)(5) identifies visible defects in ductwork, piping, enclosures or connections to covers required by 40 CFR 63.450, or if an instrument reading of 500 parts per million by volume or greater above background is measured, or if enclosure openings are not maintained at negative pressure. Subpart S. [40 CFR 63.453(k)(6)], Phases: Phase II
- Phases: Phase II
- 372 Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the visual inspection specified in 40 CFR 63.453(k)(1) and the results of the inspections and monitoring required in 40 CFR 63.964 of Subpart RR. Subpart S. [40 CFR 63.453(k)(1)]
- Phases: Phase II
- 373 Individual Drain Systems: Equipment/operational data monitored by visual inspection/determination once every 30 days. Comply with the inspection and monitoring requirements specified in 40 CFR 63.964 of Subpart RR, except as specified in 40 CFR 63.453(k)(1)(i) and (k)(1)(ii). Subpart S. [40 CFR 63.453(k)(1)]
- Which Months: All Year    Phases: Phase II    Statistical Basis: None specified
- 374 Take the corrective actions specified in 40 CFR 63.964(b) of Subpart RR, if an inspection required by 40 CFR 63.453 identifies visible defects in the closed collection system, or if an instrument reading of 500 parts per million or greater above background is measured. Subpart S. [40 CFR 63.453(k)(3)], Phases: Phase II
- Phases: Phase II
- 375 Use the procedures specified in 40 CFR 63.453(n)(1) through (n)(4) to establish or reestablish the value for each operating parameter required to be monitored under 40 CFR 63.453(b) through (j), (l), and (m) or to establish appropriate parameters for 40 CFR 63.453(f), (i), (j)(2), and (m). Subpart S. [40 CFR 63.453(n)], Phases: Phase II
- Phases: Phase II
- 376 Operate in a manner consistent with the minimum or maximum (as appropriate) operating parameter value or procedure required to be monitored under 40 CFR 63.453(a) through (n) and established under 40 CFR 63 Subpart S. Subpart S. [40 CFR 63.453(o)], Phases: Phase II
- Phases: Phase II
- 377 Comply with the recordkeeping requirements of 40 CFR 63.10, as shown in table 1 of Subpart S. Subpart S. [40 CFR 63.454(a)], Phases: Phase II
- Phases: Phase II
- 378 Enclosure opening, closed-vent system, and closed collection system: Prepare and maintain a site-specific inspection plan including a drawing or schematic of the components of applicable affected equipment. Subpart S. [40 CFR 63.454(b)], Phases: Phase II
- Phases: Phase II
- 379 Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection of each applicable enclosure opening, closed-vent system, or closed collection system. Record the information specified in 40 CFR 63.454(b)(1) through (b)(12) for each inspection. Subpart S. [40 CFR 63.454(b)]
- Phases: Phase II
- 380 Monitoring data recordkeeping by electronic or hard copy continuously. Record the CMS parameters specified in 40 CFR 63.453 and meet the requirements specified in 40 CFR 63.454(a) for any new affected process equipment or piping process condensate stream that becomes subject to the standards in 40 CFR 63 Subpart S due to a process change or modification. Subpart S. [40 CFR 63.454(d)]
- Phases: Phase II
- 381 Closed-vent System (bypass lines): Flow indication recordkeeping by electronic or hard copy once every 15 minutes. Set the flow indicator on each bypass line specified in 40 CFR 63.450(d)(1) to provide a record of the presence of gas stream flow in the bypass line at least once every 15 minutes. Subpart S. [40 CFR 63.454(e)]
- Phases: Phase II

## SPECIFIC REQUIREMENTS

AJ ID: 2645 - Weyerhaeuser Co - Red River Mill  
Activity Number: PER19960001  
Permit Number: 1980-00004-V0  
Air - Title V Regular Permit Initial

### EQT123 46 - Softwood Pulping System (Phase II)

- 382 Comply with the reporting requirements of 40 CFR 63 Subpart A as specified in 40 CFR 63 Subpart S, table I. Subpart S. [40 CFR 63.455(a)]. Phases: Phase II  
Phases: Phase II
- 383 Meet the requirements specified in 40 CFR 63.455(a) upon startup of any new affected process equipment or pulping process condensate stream that becomes subject to the standards of 40 CFR 63 Subpart S due to a process change or modification. Subpart S. [40 CFR 63.455(d)], Phases: Phase II  
Phases: Phase II
- 384 Determine compliance with the provisions of 40 CFR 63 Subpart S by using the test methods and procedures specified in 40 CFR 63.457(a) through (n), as applicable. Subpart S. [40 CFR 63.457], Phases: Phase II  
Phases: Phase II

### FUG001 44 - Chip Unloading (Phase II)

- 385 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1.305.1-7. [LAC 33:III.1.305], Phases: Phase II  
Phases: Phase II
- 386 BACT determined in PSD-LA-562(M-2)  
PM10: 0.00001 lbs/ton chips unloaded. [LAC 33:III.509], Phases: Phase II  
Phases: Phase II

### FUG002 45 - Chip Handling (Phase II)

- 387 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1.305.1-7. [LAC 33:III.1.305], Phases: Phase II  
Phases: Phase II
- 388 BACT determined in PSD-LA-562(M-2)  
PM10: 0.0000293 lbs/ton chips handled. [LAC 33:III.509], Phases: Phase II  
Phases: Phase II

### GRP003 12 - Unwashed Brownstock Handling System (All Phases)

- 389 Compliance with the Federal MACT requirements is considered to be State MACT. [LAC 33:III.5109.A]
- 390 Achieve compliance with the pulping system provisions of 40 CFR 63.443 for the equipment listed in 40 CFR 63.443(a)(1)(ii)-(v) as expeditiously as practicable, but in no event later than December 20, 2004. Establish dates, update dates, and report the dates for the milestones specified in 40 CFR 63.455(b). Subpart S. [40 CFR 63.440(d)(1)]
- 391 Install and operate a clean condensate alternative technology with a continuous monitoring system to reduce total HAP emissions by treating and reducing HAP concentrations in the pulping process water used within the clean condensate alternative affected source. Subpart S. [40 CFR 63.447(b)]
- 392 Calculate HAP emissions on a kilogram per megagram of ODP basis and measure HAP emissions according to the appropriate procedures contained in 40 CFR 63.457: Subpart S. [40 CFR 63.447(c)]
- 393 Determine the baseline HAP emissions for each equipment system and the total of all equipment systems in the clean condensate alternative affected source based on the method specified in 40 CFR 63.447(d)(1) and (d)(2). Subpart S. [40 CFR 63.447(d)]
- 394 Determine the HAP emission reductions in 40 CFR 63.447(e)(1) and (e)(2) from the baseline HAP emissions determined in 40 CFR 63.447(d) for each equipment system and the total of all equipment systems in the clean condensate alternative affected source. Subpart S. [40 CFR 63.447(e)]

## SPECIFIC REQUIREMENTS

AI ID: 2645 - Weyerhaeuser Co - Red River Mill  
Activity Number: PER199960001  
Permit Number: 1980-00004-V0  
Air - Title V Regular Permit Initial

### GRP003 12 - Unwashed Brownstock Handling System (All Phases)

- 395 Include to the extent possible, in the initial and updates to the control strategy report specified in 40 CFR 63.455(b), the information specified in 40 CFR 63.447(g)(1) and (g)(2).  
Subpart S. [40 CFR 63.447(g)]
- 396 Submit report. Due by the applicable compliance date specified in 40 CFR 63.440(d) or (e). Report the rationale, calculations, test procedures, and data documentation used to demonstrate compliance with all the requirements of 40 CFR 63.447. Subpart S. [40 CFR 63.447(h)]
- 397 Demonstrate to the satisfaction of the DEQ, by meeting all the requirements in 40 CFR 63.447, that the total HAP emissions reductions achieved by this clean condensate alternative technology are equal to or greater than the total HAP emission reductions that would have been achieved by compliance with 40 CFR 63.443(a)(1)(ii) through (a)(1)(v). Subpart S. [40 CFR 63.447]
- 398 Individual Drain Systems: Equipment/operational data monitored by visual inspection/determination once every 30 days. Comply with the inspection and monitoring requirements specified in 40 CFR 63.964 of Subpart RR, except as specified in 40 CFR 63.453(i)(1)(i) and (i)(1)(ii). Subpart S. [40 CFR 63.453(i)(1)(i)]

Which Months: All Year Statistical Basis: None Specified

- 399 Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the visual inspection specified in 40 CFR 63.453(i)(1) and the results of the inspections and monitoring required in 40 CFR 63.964 of Subpart RR. Subpart S. [40 CFR 63.453(i)(1)]
- 400 Take the corrective actions specified in 40 CFR 63.964(b) of Subpart RR, if an inspection required by 40 CFR 63.453 identifies visible defects in the closed collection system, or if an instrument reading of 500 parts per million or greater above background is measured. Subpart S. [40 CFR 63.453(i)(3)]

- 401 Use the procedures specified in 40 CFR 63.453(n)(1) through (n)(4) to establish or reestablish the value for each operating parameter required to be monitored under 40 CFR 63.453(b) through (j), (l), and (m) or to establish appropriate parameters for 40 CFR 63.453(f), (i), (j)(2), and (m). Subpart S. [40 CFR 63.453(n)]
- 402 Comply with the recordkeeping requirements of 40 CFR 63.10, as shown in table 1 of Subpart S. Subpart S. [40 CFR 63.454(i)]

- 403 Comply with the reporting requirements of 40 CFR 63 Subpart A as specified in 40 CFR 63 Subpart S, table 1. Subpart S. [40 CFR 63.455(a)]

- 404 Submit report. Due with the initial notification report specified under 40 CFR 63.9(b)(2) and 40 CFR 63.455(a). Submit a non-binding control strategy report containing, at a minimum, the information specified in 40 CFR 63.455(b)(1) through (b)(3) in addition to the information required in 40 CFR 63.9(b)(2). Update every two years thereafter.  
Subpart S. [40 CFR 63.455(b)]

### GRP004 14 - Brownstock Washer - C Line (All Phases)

- 405 Compliance with the Federal MACT requirements is considered to be State MACT. [LAC 33:III.5109.A]
- 406 Achieve compliance with the pulping system provisions of 40 CFR 63.443 for the equipment listed in 40 CFR 63.443(a)(1)(ii)-(v) as expeditiously as practicable, but in no event later than December 20, 2004. Establish dates, update dates, and report the dates for the milestones specified in 40 CFR 63.455(h). Subpart S. [40 CFR 63.440(d)(1)]
- 407 Install and operate a clean condensate alternative technology with a continuous monitoring system to reduce total HAP emissions by treating and reducing HAP concentrations in the pulping process water used within the clean condensate alternative affected source. Subpart S. [40 CFR 63.447(b)]
- 408 Calculate HAP emissions on a kilogram per megagram of ODP basis and measure HAP emissions according to the appropriate procedures contained in 40 CFR 63.457. Subpart S. [40 CFR 63.447(c)]
- 409 Determine the baseline HAP emissions for each equipment system and the total of all equipment systems in the clean condensate alternative affected source based on the method specified in 40 CFR 63.447(d)(1) and (d)(2). Subpart S. [40 CFR 63.447(d)]
- 410 Determine the HAP emission reductions in 40 CFR 63.447(e)(1) and (e)(2) from the baseline HAP emissions determined in 40 CFR 63.447(d) for each equipment system and the total of all equipment systems in the clean condensate alternative affected source. Subpart S. [40 CFR 63.447(e)]
- 411 Include to the extent possible, in the initial and updates to the control strategy report specified in 40 CFR 63.455(b), the information specified in 40 CFR 63.447(g)(1) and (g)(2).  
Subpart S. [40 CFR 63.447(g)]
- 412 Submit report. Due by the applicable compliance date specified in 40 CFR 63.440(d) or (e). Report the rationale, calculations, test procedures, and data documentation used to demonstrate compliance with all the requirements of 40 CFR 63.447. Subpart S. [40 CFR 63.447(h)]

## **SPECIFIC REQUIREMENTS**

**AI ID:** 2645 - Weyerhaeuser Co - Red River Mill  
**Activity Number:** PER19960001  
**Permit Number:** 1980-00004-V0  
**Air - Title V Regular Permit Initial**

### **GRP004 14 - Brownstock Washer - C Line (All Phases)**

413 Demonstrate to the satisfaction of the DEQ, by meeting all the requirements in 40 CFR 63.447, that the total HAP emissions reductions achieved by this clean condensate alternative technology are equal to or greater than the total HAP emission reductions that would have been achieved by compliance with 40 CFR 63.443(a)(1)(ii) through (a)(1)(v). Subpart S. [40 CFR 63.447]

414 Individual Drain Systems: Equipment/operational data monitored by visual inspection/determination once every 30 days. Comply with the inspection and monitoring requirements specified in 40 CFR 63.964 of Subpart RR, except as specified in 40 CFR 63.453(1)(i) and (1)(l)(iii). Subpart S. [40 CFR 63.453(1)(1)]

Which Months: All Year Statistical Basis: None specified

415 Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the visual inspection specified in 40 CFR 63.453(1) and the results of the inspections and monitoring required in 40 CFR 63.964 of Subpart RR. Subpart S. [40 CFR 63.453(1)(1)]

416 Take the corrective actions specified in 40 CFR 63.964(b) of Subpart RR, if an inspection required by 40 CFR 63.453 identifies visible defects in the closed collection system, or if an instrument reading of 500 parts per million or greater above background is measured. Subpart S. [40 CFR 63.453(1)(3)]

417 Use the procedures specified in 40 CFR 63.453(n)(1) through (n)(4) to establish or reestablish the value for each operating parameter required to be monitored under 40 CFR 63.453(6) through (j), (l), and (m) or to establish appropriate parameters for 40 CFR 63.453(f), (i), (j)(2), and (m). Subpart S. [40 CFR 63.453(n)]

418 Comply with the recordkeeping requirements of 40 CFR 63.10, as shown in table 1 of Subpart S. Subpart S. [40 CFR 63.454(a)]

419 Comply with the reporting requirements of 40 CFR 63 Subpart A as specified in 40 CFR 63 Subpart S, table 1. Subpart S. [40 CFR 63.455(a)]

420 Submit report Due with the initial notification report specified under 40 CFR 63.9(b)(2) and 40 CFR 63.455(a). Submit a non-binding control strategy report containing, at a minimum, the information specified in 40 CFR 63.455(b)(1) through (b)(3) in addition to the information required in 40 CFR 63.9(b)(2). Update every two years thereafter. Subpart S. [40 CFR 63.455(b)]

### **GRP011 Permitted Totals**

421 Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1103]

422 Outdoor burning of waste material or other combustible material is prohibited. [LAC 33:III.1109.B]

423 Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1303.B]

424 Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5. [LAC 33:III.2113.A]

425 Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance. [LAC 33:III.219]

426 Comply with the requirements of PSD-LA-562(M-2). This permit includes provisions of the Prevention of Significant Deterioration (PSD) review from Permit PSD-LA-562(M-2). [LAC 33:III.509]

427 Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III. Chapter 51 Subchapter A without first obtaining written authorization from DEQ in accordance with LAC 33:III. Chapter 51 Subchapter A, after the effective date of the standard. [LAC 33:III.5105.A.1]

428 Do not cause a violation of any ambient air standard listed in LAC 33:III. Table 51.2, unless operating in accordance with LAC 33:III.5109. [LAC 33:III.5105.A.2]

429 Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard. [LAC 33:III.5105.A.3]

430 Do not fail to keep records, notify, report or revise reports as required under LAC 33:III. Chapter 51. Subchapter A. [LAC 33:III.5105.A.4]

## SPECIFIC REQUIREMENTS

**AJ ID:** 2645 - Weyernaeuser Co - Red River Mill  
**Activity Number:** PER19960001  
**Permit Number:** 1980-00004-V0  
**Air - Title V Regular Permit Initial**

### GRP011 Permitted Totals

- 431 Submit Annual Emissions Report (TEDI): Due annually, by the 1st of July, to the Office of Environmental Assessment, Environmental Evaluation Division in a form specified by the department. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3. [LAC 33:III.5107.A.2]
- 432 Include a certification statement with initial and subsequent annual emission reports and revisions to any emission report to attest that the information contained in the emission report is true, accurate, and complete, and signed by a responsible official, as defined in LAC 33:III.502. Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official. The certification statement shall read: "I certify, under penalty of perjury, that the emissions data provided is accurate to the best of my knowledge, information, and belief, and I understand that submitting false or misleading information will expose me to prosecution under state regulations" [LAC 33:III.5107.A.3]
- 433 Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6505 immediately, but no later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere which results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property). [LAC 33:III.5107.B.1]
- 434 Submit notification: Due to the Office of Environmental Compliance, except as provided in LAC 33:III.5107.B.6, no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in LAC 33:III.Chapter 51.Table 51.1 or a reportable quantity (RQ), in LAC 33:I.3931, or the quantity of the unauthorized bypass is greater than one pound and there is no MER or RQ for the substance in question. Submit notification in the manner provided in LAC 33:I.3923. [LAC 33:III.5107.B.2]
- 435 Submit notification: Due to the Office of Environmental Compliance immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:I.3931, except as provided in LAC 33:III.5107.B.6. Submit notification in the manner provided in LAC 33:I.3923. [LAC 33:III.5107.B.3]
- 436 Submit written report: Due within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through 3. Submit report to the Office of Environmental Compliance by certified mail. Include the information specified in LAC 33:III.5107.B.4.a through viii. [LAC 33:III.5107.B.4]
- 437 Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, in the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge. [LAC 33:III.5107.B.5]
- 438 Compliance with the Federal MACT requirements is considered to be State MACT. [LAC 33:III.5109.A]
- 439 Achieve compliance with ambient air standards unless it can be demonstrated to pose a threat to public health or the environment; and that emissions would be controlled to a level that is infeasible; that emissions could not reasonably be expected to pose a threat to public health or the environment; and that emissions would be controlled to a level that is Maximum Achievable Control Technology. [LAC 33:III.5109.B.3]
- 440 Determine the status of compliance, beyond the property line, with applicable ambient air standards listed in LAC 33:III.5112.Table 51.2. [LAC 33:III.5109.B]
- 441 Develop a standard operating procedure (SOP) within 120 days after achieving or demonstrating compliance with the standards specified in LAC 33:III.Chapter 51. Detail in the SOP all operating procedures or parameters established to ensure that compliance with the applicable standards is maintained and address operating procedures for any monitoring system in place, specifying procedures to ensure compliance with LAC 33:III.5113.C.5. Make a written copy of the SOP available on site or at an alternate approved location for inspection by DEQ. Provide a copy of the SOP within 30 days upon request by the department. [LAC 33:III.5109.C]
- 442 Obtain a Louisiana Air Permit in accordance with LAC 33:III.5111.B and C and in accordance with LAC 33:III.1701, before commencement of the construction of any new source. [LAC 33:III.5111.A.]
- 443 Obtain a permit modification in accordance with LAC 33:III.5111.B and C before commencement of any modification not specified in a compliance plan submitted under LAC 33:III.5109.D, if the modification will result in an increase in emissions of any toxic air pollutant or will create a new point source. [LAC 33:III.5111.A.2.a]

## **SPECIFIC REQUIREMENTS**

**AI ID:** 2645 - Weyerhaeuser Co - Red River Mill  
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- 444 Do not commence construction or modification of any major source without first obtaining written authorization from DEQ, as specified. [LAC 33:III.5111.A]
- 445 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]
- 446 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]
- 447 Emission tests shall be conducted as set forth in accordance with Test Methods of 40 CFR, Parts 60, 61, and 63, or in accordance with alternative test methods approved by the administrative authority. [LAC 33:III.5113.B.2]
- 448 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]
- 449 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]
- 450 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]
- 451 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]
- 452 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]
- 453 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]
- 454 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]
- 455 Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before a performance evaluation of the monitoring system is to begin. [LAC 33:III.5113.C.2]
- 456 Submit performance evaluation report: Due to the Office of Environmental Assessment, Environmental Technology Division within 60 days of the monitoring system performance evaluation. [LAC 33:III.5113.C.2]
- 457 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]
- 458 Install a monitoring system on each effluent or on the combined effluent, when monitoring is required and the effluents from a single source, or from two or more sources subject to the same emission standards, are combined before being released to the atmosphere. If two or more sources are not subject to the same emission standards, install a separate monitoring system on each effluent, unless otherwise specified. If the applicable standard is a mass emission standard and the effluent from one source is released to the atmosphere through more than one point, install a monitoring system at each emission point unless DEQ approves the installation of fewer systems. [LAC 33:III.5113.C.3]
- 459 Submit report: Due to DEQ within 60 days of the performance evaluation of the CMS, if requested. Furnish DEQ with two or more copies of a written report of the test results within 60 days. [LAC 33:III.5113.C.5.a]
- 460 Evaluate the performance of continuous monitoring systems, upon request by DEQ, in accordance with the requirements and procedures contained in the applicable performance specification of 40 CFR Part 60, appendix B. [LAC 33:III.5113.C.5.a]
- 461 Install all continuous monitoring systems or monitoring devices to make representative measurements under variable process or operating parameters, if required to install a CMS. [LAC 33:III.5113.C.5.d]
- 462 Collect and reduce all data as specified in LAC 33:III.5113.C.5.e.i and ii, if required to install a CMS. [LAC 33:III.5113.C.5.e]
- 463 Submit plan: Due to the Office of Environmental Assessment, Environmental Technology Division within 90 days after DEQ requests either the initial plan or an updated plan, if required by DEQ to install a continuous monitoring system. Submit for approval a plan describing the affected sources and the methods for ensuring compliance with the continuous monitoring system. [LAC 33:III.5113.C.5]

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- 464 Maintain records of monitoring data, monitoring system calibration checks, and the occurrence and duration of any period during which the monitoring system is malfunctioning or inoperative. Maintain these records at the source, or at an alternative location approved by DEQ, for a minimum of three years and make available, upon request, for inspection by DEQ. [LAC 33:III.561.C.7]
- 465 Activate the preplanned abatement strategy listed in LAC 33:III.561.1. Table 5 when the administrative authority declares an Air Pollution Alert. [LAC 33:III.5609.A.1.b]
- 466 Activate the preplanned abatement strategy listed in LAC 33:III.561.1. Table 6 when the administrative authority declares an Air Pollution Warning. [LAC 33:III.5609.A.2.b]
- 467 Activate the preplanned abatement strategy listed in LAC 33:III.561.1. Table 7 when the administrative authority declares an Air Pollution Emergency. [LAC 33:III.5609.A.3.b]
- 468 Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency.. Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.561.1. Tables 5, 6, and 7. [LAC 33:III.5609.A]
- 469 Identify hazards that may result from accidental releases of the substances listed in 40 CFR 68.130, Table 59.0 of LAC 33:III.5907, or Table 59.1 of LAC 33:III.591.3 using appropriate hazard assessment techniques, design and maintain a safe facility, and minimize the off-site consequences of accidental releases of such substances that do occur. [LAC 33:III.5907]
- 470 Submit registration. Due January 31, 1998, or within 60 days after the source becomes subject to LAC 33:III. Chapter 59, whichever is later. Include the information listed in LAC 33:III.591.1.B, and submit to the Department of Environmental Quality, Office of Environmental Compliance, Surveillance Division. [LAC 33:III.591.1.A]
- 471 Submit amended registration. Due to the Department of Environmental Quality, Office of Environmental Compliance, Surveillance Division within 60 days after the information in the submitted registration is no longer accurate. [LAC 33:III.591.1.C]
- 472 Submit Emission Inventory (EI)/Annual Emissions Statement. Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Environmental Evaluation Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.91.9.A-D. [LAC 33:III.91.9.D]
- 473 All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A. [40 CFR 60]
- 474 Each existing source shall achieve compliance no later than April 16, 2001, except as provided in 40 CFR 63.440(d)(1) through (d)(3); Subpart S. [40 CFR 63.440(d)]
- 475 Achieve compliance with the provisions of 40 CFR 63 Subpart S for each new source, specified as the total of all HAP emission points for the sources specified in 40 CFR 63.440(c), upon start-up or June 15, 1998, whichever is later, as provided in 40 CFR 63.6(b). Subpart S. [40 CFR 63.440(e)]
- 476 All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 1 of 40 CFR 63 Subpart S. [40 CFR 63.440(g)]
- 477 A CMS shall be operated to monitor and record continuously the appropriate parameters determined according to the procedures specified in paragraph 40 CFR 63.453(n) of this section to comply with the condensate applicability requirements specified in 40 CFR 63.446(c). Subpart S. [40 CFR 63.453(i)]
- 478 Install a CMS and establish appropriate operating parameters to be monitored that demonstrate, to the DEQ's satisfaction, continuous compliance with the applicable control requirements. Subpart S. [40 CFR 63.453(m)]
- 479 Use the procedures specified in 40 CFR 63.453(n)(1) through (n)(4) to establish or reestablish the value for each operating parameter required to be monitored under 40 CFR 63.453(b) through (j), (l), and (m) or to establish appropriate parameters for 40 CFR 63.453(f), (i), (j)(2), and (m). Subpart S. [40 CFR 63.453(n)]
- 480 Comply with the recordkeeping requirements of 40 CFR 63.10, as shown in table 1 of Subpart S. Subpart S. [40 CFR 63.454(a)]
- 481 Monitoring data recordkeeping by electronic or hard copy continuously. Record the CMS parameters specified in 40 CFR 63.453 and meet the requirements specified in 40 CFR 63.454(a) for any new affected process equipment or pulping process condensate stream that becomes subject to the standards in 40 CFR 63 Subpart S due to a process change or modification. Subpart S. [40 CFR 63.454(d)]
- 482 Comply with the reporting requirements of 40 CFR 63 Subpart A as specified in 40 CFR 63 Subpart S, table 1. Subpart S. [40 CFR 63.455(a)]
- 483 Meet the requirements specified in 40 CFR 63.455(a) upon startup of any new affected process equipment or pulping process condensate stream that becomes subject to the standards of 40 CFR 63 Subpart S due to a process change or modification. Subpart S. [40 CFR 63.455(d)]

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- 484 Determine compliance with the provisions of 40 CFR 63 Subpart S by using the test methods and procedures specified in 40 CFR 63.457(a) through (n), as applicable. Subpart S. [40 CFR 63.457]
- 485 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Facility shall comply with the applicable requirements of 40 CFR 63 Subpart DDDDD by September 13, 2007. [40 CFR 63.7480]
- 486 All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 10 of 40 CFR 63 Subpart DDDDD. [40 CFR 63.7565]
- 487 All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 1 of 40 CFR 63 Subpart MM. [40 CFR 63.860(c)]
- 488 Implement corrective action, as specified in the startup, shutdown and malfunction plan prepared under 63.866(a), if the monitoring exceedances in 40 CFR 63.864(k)(1)(i) through (k)(1)(vi) occur. Subpart MM. [40 CFR 63.864(k)(1)]
- 489 Develop and implement a written startup, shutdown, and malfunction plan as described in 40 CFR 63.6(e)(3) that contains specific procedures to be followed for operating the source and maintaining the source during periods of startup, shutdown, and malfunction, and a program of corrective action for malfunctioning process and control systems used to comply with the standards. In addition to the information required in 40 CFR 63.6(e), include the requirements in paragraphs 40 CFR 63.866(a)(1) and (2). Subpart MM. [40 CFR 63.866(a)]
- 490 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of any occurrence when corrective action is required under 40 CFR 63.864(k)(1) and where a violation is noted under 40 CFR 63.864(k)(2). Subpart MM. [40 CFR 63.866(b)]
- 491 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain the general records required by 40 CFR 63.10(b)(2), and the information specified in 40 CFR 63.866(c)(1) through (c)(6). Subpart MM. [40 CFR 63.866(c)]
- 492 Submit the applicable notifications from 40 CFR 63, Subpart A, as specified in 40 CFR 63, Subpart MM, Table 1. Subpart MM. [40 CFR 63.867(a)(1)]
- 493 Submit notification: Due to DEQ before any of the actions in 40 CFR 63.867(b)(3)(i) through (b)(3)(iv) are taken. Subpart MM. [40 CFR 63.867(b)(3)]
- 494 Submit excess emissions report Due semiannually when no exceedances of parameters have occurred. Include a statement that no excess emissions occurred during the reporting period. Subpart MM. [40 CFR 63.867(c)(1)]
- 495 Submit excess emissions report Due quarterly if measured parameters meet any of the conditions specified in 40 CFR 63.864(k)(1) or (k)(2). Include the information specified in 40 CFR 63.10(c) as well as the number and duration of occurrences when the source met or exceeded the conditions in 40 CFR 63.864(k)(1), and the number and duration of occurrences when the source met or exceeded the conditions in 40 CFR 63.864(k)(2). Subpart MM. [40 CFR 63.867(c)]
- 496 All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Section 63.7565 of 40 CFR 63 Subpart DDDDD. [40 CFR 63]
- 497 Permittee shall comply with the applicable provisions of 40 CFR 63 Subpart DDDDD by the compliance date published in the rule. [40 CFR 63]
- 498 Submit Title V permit application for renewal: Due 180 calendar days before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
- 499 Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
- 500 Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [40 CFR 70.6(a)(3)(iii)(B)]
- 501 Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]

### GRP012 LK-Cap Lime Kiln Usage (Phase II)

## SPECIFIC REQUIREMENTS

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### GRP012 LK-Cap Lime Kiln Usage (Phase II)

502 Operating time <= 8760 hr/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total combined hourly operating time of EQT 008, 06 Lime Kiln No. 1, and EQT 121, 42 Lime Kiln No. 2, exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

503 Operating time monitored by technically sound method continuously. [LAC 33:III.501.C.6]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

504 Operating time recordkeeping by electronic or hard copy monthly. Keep records of the total combined hourly operating time of EQT 008, 06 Lime Kiln No. 1, and EQT 121, 42 Lime Kiln No. 2, each month, as well as the total combined hourly operating time of EQT 008, 06 Lime Kiln No. 1, and EQT 121, 42 Lime Kiln No. 2, for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

Phases: Phase II

505 Operating time Submit report. Due annually, by the 31st of March. Report the total combined hourly operating time of EQT 008, 06 Lime Kiln No. 1, and EQT 121, 42 Lime Kiln No. 2, for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6], Phases: Phase II

Phases: Phase II